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Baltimore, Mayor

REPORT OF THE SUPERINTENDENT

OF THE

Police and Fire Alarm Telegraph,

TO THE

Mayor and City Council of Baltimore,

FOR THE

Year ending October 31st, 1874.

Maryland
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1874
pt.2

OFFICERS

OF THE

Police and Fire Alarm Telegraph.

C. W. CRUMBACKER, *Superintendent.*

OPERATORS.

H. P. LUCAS, F. L. MCALEESE,

E. P. KENNEY, A. CRUMMER,

A. MCGANN, *Lineman.*

T. F. BYRNE, *Batteryman.*

REPORT.

OFFICE OF POLICE AND FIRE ALARM TELEGRAPH,

Baltimore, October 31, 1874.

To the Honorable the Mayor and
City Council of Baltimore:

GENTLEMEN:

I have the honor to submit herewith, my report of the operations of the Telegraph Department for the fiscal year just closed, and its present condition.

Shortly after taking charge of the office, an examination of the line discovered imperfect and loose connexions in some of the boxes, which had caused considerable trouble. I caused all the connexions in the boxes and Engine House instruments to be soldered, making them entirely secure, which notably improved the working of the lines. I have also had new ground wires put in the boxes, with wood coverings, replacing the iron pipes which were liable to cause a leakage of the current to the ground.

In April last I extended the line to the new Police Station on Pennsylvania avenue, and placed therein the only instrument we had on hand, (a condemned one) which only works tolerably. One or two of the others are old and much worn. We need at least three new instruments for this line, to make it work satisfactorily.

During the same month I also erected Fire Alarm box No. 152, at the corner of Green and Franklin streets.

The lines are now all in good condition, the wires having been renewed by my predecessor, Mr. McAleese, and have worked as well as possible, under the adverse circumstances; by which I mean the defective plan upon which our Telegraph

267352

is constructed, and the dilapidated condition of the fixtures and machinery of the office.

We have the most imperfect system of Fire Alarm Telegraph that has been used since the introduction of the Telegraph for this purpose. It is to-day precisely as constructed nearly fifteen years ago, with the exception of the addition of a large number of boxes, and the extension of the wires, which increases the unreliability and imperfections with which we have to contend.

The five circuits then constructed answered very well for the number of boxes at that time erected, but are totally inadequate to accommodate the increased number now in use, and the additions that must necessarily be made from time to time.

One of the most serious defects of our system is this: each one of our circuits covers nearly one-fourth of the territory of the city, with all the boxes in that section on one circuit; in case of the breaking of one of these wires, it is easy to understand that all the boxes on that circuit would be temporarily thrown out of service; and a fire occurring during the interruption, this section would be unprotected; whereas in reconstructing the line on a different plan, with many circuits, the boxes would be so arranged that in case of interruption on one circuit, a few boxes only would be thrown out of service, and the next nearest, in any direction, would be on a different circuit, thus enabling the alarm to be given promptly under all circumstances.

Another great advantage in the increased number of circuits would be, they being much shorter, any interruption would be more quickly discovered and remedied.

There seems to be no doubt that the city limits will shortly be extended, which will necessitate the extension of the Fire Alarm Telegraph into the acquired territory, with additionnl boxes for the protection of the property of its citizens, which

would be simply impossible with the few circuits we have, they being already overloaded. By reconstructing the line with a larger number of circuits, this want will be provided for, and the extensions can then be made without delay; provision will also be made for all the wants of the city in this regard, for the next thirty years or more.

With a knowledge of the many defects of our present system, and the greater security and protection to property which a more perfect and reliable system would afford, I cannot do otherwise than recommend the reconstruction of the entire system, and the furnishing the Central Office and Engine Houses with improved automatic machinery and gongs, to supersede the manual system which we now use, thus obviating the irregularity and liability to errors of the latter.

I desire to call your attention to the use of the Fire Alarm Poles for the wires of other parties; and I feel it to be my duty, in the interests of the city, to protest against it. This is a growing evil, and has been carried to such an extent as to seriously endanger the effective working of the city's wires, and often causes difficulty by these wires coming into contact with those of the Fire Alarm. This not unfrequently occurs during the night, when such trouble is very difficult to find, and when it is most important to repair any damage.

The wires of the Fire Alarm should be kept entirely clear of outside lines, and no other wires allowed on the city's poles.

When the importance of the Fire Alarm Telegraph is considered, and the great risk to which the property of the citizens is exposed during any interruption to its working, it being an indispensible adjunct to, and depended upon by the Fire Department for giving notice of fire, nothing that tends to impair its perfect working and reliability, ought to be permitted.

Respectfully submitted,

C. W. CRUMBACKER, *Superintendent.*

STATEMENT

Of Alarms of Fire Signaled from Central Office, for the past year.

	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Alarms	16	9	11	18	18	12	18	5	11	12	16	12	158
Second Alarms	2		1	3	2	1	5		1	2	3	2	22
General Alarms	1	1			1			1				1	5
Engine Calls					3		10			2		2	17
Test Alarms									1				1
False Alarms					2			1	1			2	6

Number of First Alarms	158
" " Second "	22
" " General "	5
" " Engine Calls	17
" " Tests	1
" " False Alarms	6
Total Number Fire Signals	209

EXHIBIT

Of business transmitted over the Police Telegraph; number of Lost Children, Horses, &c., recovered.

	Messages Sent.	Messages Rec'd.	Messages relating to lost Children.	Children Recovered.		Horses Recovered.		Cattle Recovered.		Vehicles Recovered.	
				Cent'l Stat'n.	Other Stat's.	Cent'l Stat'n.	Other Stat's.	Cent. Stat.	Other Stat.	Cent. Stat.	Other Stat.
1873.											
Nov'r	110	84	40	5	41	4	14	2	16	4	8
Dec'r	123	101	52	5	34	4	8		4	4	7
1874.											
Jan'y	118	118	57	10	46	2	11		8	2	4
Feb'y	96	75	35	6	37		20		15		8
March	133	125	46	3	36	4	12		16	3	10
April	213	211	101	15	48		10		7		5
May	323	295	202	24	54	1	23		26	1	10
June	257	241	131	9	60	4	11		67	4	5
July	282	242	137	8	85	2	29		20	2	16
August	326	293	165	17	76	4	20		18	3	6
Sept'r	273	249	112	2	50	1	23		29	1	6
Oct'r	207	187	97	9	78	2	22		27	2	13
	2461	2221	1175	113	645	28	203	2	253	26	98

Number of Lost Children recovered..... 758
" " Horses recovered..... 231
" " Cattle " 255
" " Vehicles " 124

INVENTORY OF MATERIAL AND TOOLS ON HAND.

BATTERY MATERIAL.	3 Pike Poles
150 lbs. Sulph. Copper	3 Shovels
230 Battery Zincs	2 Spoons
84 " Coppers	12 Drawing Knives
130 Porus Cups	1 Set Stocks and Dies
	1 Lantern
LINE MATERIAL.	1 Saw
½ mile No. 9 Gal. Wire	1 Vise
4 Digging Bars	1 Axe
1 Cant Hook	2 Hatchets

The appropriations for the year, amounted to		$15,222 41
Existing debt	$2,622 41	
The Expenditures were	9,375 20	
		11,997 61
Leaving a balance of		$3,224 80

I respectfully ask for the following appropriations for the ensuing year:

For Salaries	$8,400 00	
" Batteries	1,800 00	
" Repairs	1,200 00	
" Printing and stationery	150 00	
" Incidentals	125 00	
" Cleaning office	75 00	
		$11,750 00
" Box to be erected corner Hughes and Covington streets	350 00	
" Cable, Wires, &c., for City Hall	1,610 00	
		1,960 00
		$13,710 00

ANNUAL REPORT

OF THE

Board of Health

TO THE

Mayor and City Council of Baltimore,

FOR THE

Year eading October 31, 1874.

OFFICERS AND MEMBERS

OF THE

BOARD OF HEALTH

OF THE

CITY AND PORT OF BALTIMORE,

For the Year 1874.

Commissioner of Health,

JAMES A. STEUART, M. D.

Assistant Commissioner of Health,

A. E. SMYRK.

Resident Physician at Marine Hospital,

WILLIAM F. STEUART, M. D.

I. W. MOHLER, *Secretary.* WM. H. BOSLEY, *Clerk.*

V. B. HINES, *Nuisance Clerk.*

Street Superintendents.

PATRICK KELLY, *First District.*
JOHN H. COULTER, *Second District.*
JAMES McNALLY, *Third District.*
LOUIS KROEGER, *Fourth District.*
HENRY LANCASTER, *Fifth District.*

Inspectors of Sewers.

DANIEL DOUGHERTY *Eastern District.*

GEO. McLAUGHLIN, *Western District.*

Superintendents of Potter's Field.

WM. DONOVAN, *Eastern District.*

M. C. H. PERRY, *Western District.*

Undertakers.

HENRY SCHULTHEIS, *Eastern District.*

JAMES J. CHALMERS, *Western District.*

VACCINE PHYSICIANS.

First and Second Wards.

M. J. GATELY, M. D., 244 Bank Street.

Third and Fourth Wards.

G. L. WILKINS, M. D., 69 South Broadway.

Fifth and Sixth Wards.

E. L. THOMAS, M. D.,

Seventh and Eighth Wards.

D. C. IRELAND, M. D., 178 Aisquith Street.

Ninth and Tenth Wards

GEO. B. REYNOLDS, M. D., Washington University,

Eleventh and Twelfth Wards.

J. E. P. BOULDEN, M. D., 131 Dolphin Street.

Thirteenth and Fourteenth Wards.

JOSEPH A. GILLISS, M. D., 23 N. Greene Street.

Fifteenth and Sixteenth Wards.

C. S. JOHNSON, M. D , 177 Conway Street.

Seventeenth and Eighteenth Wards.

W. G. REGESTER, M. D., 845 W. Baltimore Street.

Nineteenth and Twentieth Wards.

H. J. HOUCK, M. D., Cor. Fremont St. and Penna. Av.

Report of the Commissioner.

REPORT.

To the Honorable the Mayor and
City Council of Baltimore.

GENTLEMEN :

The Commissioner of Health has again the honor to present the Annual Report of the Health Department, for the year ending October 31st, 1874. By an examination of the tables herewith submitted, it will be observed that the general health of the city has been singularly good and though the figures show a small increase in the total mortality list over that of last year, no epidemic or contagious disease has prevailed during the past twelve months.

The fatality of Cholera Infantum during the heated term, together with a most unusual increase in the number of deaths from Phthisis Pulmonalis will fully account for this.

The first of these your Commissioner still holds to be mainly due to the continuance of that most intolerable nuisance, namely,—the opening of Privy vaults, and the nightly transportation of their contents through the streets of the city.

Again and again has the Health Board entered their protest against this practice so destructive to the public health,

and as often have these efforts proved ineffectual. It cannot be possible that the citizens of Baltimore view with indifference this wholesale "slaughter of the Innocents." The mortality from this cause alone during the months of June, July, August and September forms a record appalling to contemplate.

It is true that the same mortality has prevailed in other cities, but so far as my knowledge extends, is coincident with the same pernicious practice.

It becomes the duty, therefore, of the Board of Health to reiterate their protest and to insist upon such legislation on the part of the City Council as will modify this crying evil.

In regard to the second cause of increased mortality alluded to above, it is believed that a large proportion of those included in that list are persons resorting here from other States, hoping to find a climate more congenial to their impaired health, as well as those from other parts of this State seeking medical aid, and who remain until their disease is terminated by death. For this class the present status of medical skill affords but moderate relief, and we can only hope that science may develope in the future that which has heretofore been hidden from our view.

With regard to Typhoid and Malarious fevers, a moderate proportion of which have prevailed, much has been done to prevent and check where existing, but much more might have been accomplished in this particular, by a more active co-operation on the part of the City Police with the Health Department in their efforts to correct all possible causes of such disorders.

The efforts of the Health Board to keep the city in a proper sanitary condition have been somewhat embarrassed by the following causes.

First—The eight hour system, which is equal to the loss of a day and one-half day, in each week, to each laborer,—or seventy-eight days in the year. Secondly—The class of laborers the Department is constrained to accept, and Thirdly—the inadequate appropriations provided for the expenses of this Department; notwithstanding all this, however, the condition of our streets, lanes and alleys, will compare favorably with most of our neighboring sister cities, and your Commissioner takes pleasure in bearing testimony to the untiring activity, efficiency and zeal with which this work has been prosecuted by the able Assistant Commissioner of Health, who is also the proper Chief of this Department.

The strict Quarantine maintained throughout the past summer has again demonstrated the wisdom of such a course, by protecting our city from the importation of contagious diseases, particularly Yellow Fever, which has prevailed to a fearful extent in many of the Southern ports from whence vessels were arriving at our Quarantine daily, (and often many a day,) during the entire summer.

The duties of this important post have been most admirably performed throughout the Quarantine season and fully deserve to be honorably mentioned in this report, during the earlier part of the season by Dr. J. S. Conrad, and during the latter part by Dr. Wm. F. Steuart, the present able incumbent.

The duties of the Vaccine Physicians, owing to the thorough manner in which the work was done last year, have been correspondingly light during the present season. They have, however, gone over the ground faithfully, making for the most part primary vaccinations, and it is believed by your Commissioner that the city is now well protected by vaccination.

The Sanitary Inspectors attached to the Health Department have worked arduously throughout the entire summer, and have accomplished most satisfactory results, not only to the Health Board but to the citizens generally.

Your Commissioner cannot forego the opportunity of again urging upon the City authorities the importance of removing from within the City limits all slaughtering houses of every description whatsoever. Everywhere has the fact been fully demonstrated that it is simply an impossibility to render such places inoffensive, and consequently not detrimental to the health of the immediate surrounding neighborhood.

All this can be remedied by the establishment at a suitable point of a well regulated "Abatoir."

The report made in October of this year by the "Sanitary Committee of the Board of Health on the concentration and regulation of the business of slaughtering animals in the city of New York," treats this whole subject in the ablest and most comprehensive manner, and recommends itself to our careful and serious consideration.

The following extract from a report dated February 25th, 1874, embodies the views of the committee. "During the past season the attention of the committee has been frequently called to the growing evils of the business of slaughtering as at present conducted in this city. Instead of concentrating in a small and suitable area, and in large establishments, where the work can be done in a cleanly and economical manner, the constant tendency is to the multiplication of small and separate buildings and interests, and to their diffusion over a larger and larger territory. In the opinion of the committee, the interests of the public health demand the contraction rather than the expansion of the territory devoted to this business as well as the abatement of those nuisances growing out of it, such as cattle driving

and the carriage of offal in the streets, fat melting, hide curing, &c. * * * * * *

The experience of the past summer convinces us that this business must be brought under the most rigid sanitary control, and be concentrated within the smallest practicable area. As the warm season is again approaching with its attendant danger of a high sickness and death rate, from those summer pestilences which are so aggravated by sources of animal filth and putrefaction, which slaughter houses create, the committee recommend that the Board take immediate steps toward the concentration and better regulation of this business, or its entire removal from the city." It will thus be seen that the opinions of the highest sanitary authorities are unanimous upon the point of removal from within city limits, and concentration at points suitable for their location, as well as proper construction and regulation.

The time is also fast approaching when the City Government will be forced to seek another and more permanent place for the deposit of garbage and night soil, and your Commissioner begs leave to recall to the minds of those who may or may not remember, his urgent recommendation of a plan (more than a year ago) of transportation by rail to a distance beyond all possibility of complaint from any quarter. This plan is perfectly feasible, and already the well known and enterprising firm of Murrell & Keyser of this city, are offering to remove in tight tanks, in an odorless and inoffensive manner, the whole amount of night soil removed by the Odorless Excavating Apparatus.

This should be the only mode of doing this work allowed in the city, and I trust the time is not far distant when all classes of citizens, everywhere, will appreciate the importance of this matter.

The plan of removal by rail is also quite practicable with

regard to the garbage and street dirt, and not only can a considerable sum be saved to the City annually, but at the same time a great nuisance abated, as well as a benefit conferred upon those who take it off our hands. By proper management and machinery, every particle of the night soil and garbage as well as all other kinds of refuse of the city, can be converted within forty-eight hours after it is taken from the city into a rich and valuable fertilizer, inodorous and capable of transportation anywhere.

In a word, your Commissioner desires to make the Health Department of Baltimore a model of sanitary perfection, and thereby Baltimore the healthiest city in the world.

To accomplish so great and desirable an end, the prompt and hearty co-operation of the City Council is essential.

In conclusion, therefore, I would most respectfully recommend first, the exclusive adoption of the Odorless Excavating mode of emptying privies of night soil, and its removal by rail to a distance in the manner above described. Second, that the garbage and refuse of every description be disposed of by rail in a similar manner. Third, the banishment from within the city limits of all slaughtering establishments, and the establishment of an "Abatoir," under the best regulations and most approved construction, at least six miles from the city. Fourth, the adoption of a complete system of sewerage upon the plan proposed in a former communication to the City Council upon this subject. (This to include the improvement of the Basin.) Fifth, a reorganization of the Street Cleaning Department.

These, together with an active and efficient corps of Sanitary Inspectors, industry and care on the part of the Vaccine Physicians, vigilance and firmness at the Quarantine grounds, will, in my humble opinion, render the work of the Board of Health as complete as human means can make it.

The Board respectfully submits the following estimates for the several accounts for the fiscal year ending October 31st, 1875.

Say Street and Garbage Account	$200,000 00
Dumps Nos. 1 and 4	25,000 00
General Health	15,000 00
Nuisance and Sewers	6,500 00
Salary Account	18,500 00
Marine Hospital	20,000 00
	$285,000 00

JAMES A. STEUART, M. D.
Commissioner of Health.

TABLES.

ANNUAL REPORT OF INTERMENTS

In the City of Baltimore, from the 31*st of October*, 1873, *to the* 31*st of October*, 1874.

DISEASES.	Novem. '73	Decem. '73	January '74	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Abscess	.....	1	.....	1	1	1	1	1	....	....	.....	.....	6
Apoplexy	3	9	8	1	8	4	1	2	6	8	2	6	58
Asthma	1	8	3	3	4	3	4	6	2	2	5	4	45
Bright's Diseases of Kidneys.	1	2	1	2	4	1	.....	.....	.....	3	1	2	17
Bronchitis	2	3	5	3	5	6	5	6	2	3	5	2	47
Burn	2	4	4	1	7	4	.....	1	1	1	5	5	35
Cancer	4	6	5	4	10	7	7	8	9	15	5	3	83
Carbuncle	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	3
Casualty	9	4	9	7	7	5	9	11	3	11	1	6	82
Cerebro Spinal Meningetis	3	6	1	3	3	2	5	5	4	1	1	3	37
Child-bed	6	10	14	14	12	10	10	8	10	9	8	8	119
*Cholera Infantum	.....	.....	.....	.....	.....	.....	2	137	296	244	71	16	766
" Morbus	.....	....	.....	.....	.....	.....	.....	3	13	4	2	.....	22
Concussion of the Brain	.....	2	.....	1	.....	.....	.....	.....	.....	.....	1	.....	4
Congestion of the Brain	2	2	5	1	3	1	5	4	1	4	5	4	37

Congestion of the Bowels	2												2
" " Liver				1					1		1		3
" " Lungs.....		7	4	2		1	2				1		17
" " Stomach...			1										1
Consumption.....	78	88	94	80	101	79	80	86	77	104	95	74	1036
Convulsions.....	19	34	22	24	28	17	25	36	40	35	26	30	336
Croup.....	19	21	20	26	21	15	13	15	6	10	7	17	190
Chicken Pox.....						1					1	1	3
Dropsy.....	11	29	18	12	21	19	16	25	20	21	17	19	228
Dropsy in the Head	5	7	5	2	10	8	5	5	9	3	5	6	70
Diarrhœa.....	1	1				1	2	3	1	3	1	1	14
Dyspepsia.....			1	3	2	2		3		2		2	15
Debility.....	8	5	9	1	8	4	2	4	6	4	4	4	59
Drowned.....	2	5	2	1	4	4	3	10	9	9	3	2	54
Dysentery.....	5	1	2	2	3	4	3	7	11	16	10	6	70
Diptheria.....	9	11	9	11	9	7	10	7	6	6	8	9	102
Diabetes.....					1	1							2
Effect of Vaccination..									1				1
Enlargement of Brain.....												1	1
" " Liver.....				1									1
Entanglement of Bowels.....										1			1
Epilepsy.....		1	1	2	1	2	1	1	1			3	13
Erysipelas.....	3	7	3	3	9	8	2	4	1	4	1	4	49
Exposure.....											1		1
Fever—Bilious.....	9	8	2	4	5	4	5	4	5	6	6	11	69
" Catarrh.....	19	18	19	26	13	15	15	15	6	8	21	20	195

REPORT OF INTERMENTS—Continued.

DISEASES.	Novem. '73	Decem. '73	January '74	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Fever—Congestive	2	2	3	3	1	4	3	3	.....	2	2	.....	25
" Gastric	1	2	1	3	.....	1	3	.....	1	3	3	1	19
" Intermittent	5	9	6	9	6	4	3	3	2	3	8	8	66
" Scarlet	7	24	16	15	15	11	15	17	9	14	15	16	174
" Typhus	1	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....	7
" Typhoid	24	26	17	17	24	15	15	18	13	28	27	20	244
Gout	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Gunshot Wounds	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	2
Glanders	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1
Hemorrhage	1	3	2	3	3	3	3	2	1	4	3	4	32
Hernia	1	.....	1	1	1	1	1	1	.....	1	.....	.....	8
Hip Diesease	1	.....	2	.....	.....	.....	.....	.....	.....	.....	2	.....	5
Homicide	.....	....	2	.....	.....	.....	....	1	.....	.....	1	.....	4
Inflammation of Bladder	.....	. ..	1	1	.....	.....	.....	.....	.....	.....	.....	.....	2
" Bowels	7	13	9	10	15	11	17	26	26	21	7	13	175
" Brain	11	14	17	17	27	15	13	33	25	26	23	23	244
" Kidneys	2	.....	1	3	1	1	2	5	3	5	1	5	29
" Lungs	24	35	40	41	47	39	28	23	10	16	18	33	354

Inflammation of Liver	1	4	3	2	4	4	5	4	1	1	4	2	35
" Stomach	2	.....	1	4	.....	2	3	2	1	4	1	.....	20
" Womb	3	.....	1	.....	.....	.....	1	2	1	1	.....	.....	9
Intemperance	2	1	.....	.....	.....	2	1	1	.....	.....	1	1	9
Jaundice	.....	1	1	3	.....	1	1	1	1	2	1	.....	12
Lock Jaw	3	1	2	.....	2	1	1	1	1	1	.....	1	14
Mania	1	.....	3	.....	.....	1	.....	1	1	2	1	.....	10
Mania a Potu	.....	.....	2	.....	2	.....	1	.....	.....	.....	1	.....	6
Marasmus	2	1	.....	2	.....	2	.....	1	2	.....	1	.....	11
Measles	1	2	2	6	12	11	16	15	9	4	6	2	86
Mortification	.....	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	3
Neuralgia	.....	.....	.....	.....	.....	2	.....	1	.....	1	.....	1	5
Old Age	21	27	35	17	32	23	31	21	19	22	13	30	291
Organic Disease of the Heart	18	21	15	17	28	19	15	18	13	7	12	16	209
Palsy	11	9	14	11	16	19	6	12	9	11	13	8	139
Pleurisy	2	2	3	2	1	4	2	1	1	1	2	2	23
Pleurisy Bilious	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2
Poison	.....	.....	1	.....	.....	2	.....	.....	.....	.....	.....	2	5
Rheumatism	3	6	5	4	5	2	3	5	5	5	2	4	49
Scrofula	1	4	1	3	1	2	5	2	3	7	1	3	33
St. Vitus' Dance	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Stone in Bladder	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	2	5
Suicide	.....	4	2	1	2	.....	3	2	1	.....	4	1	20
Spinal Affection	4	3	3	2	5	3	3	4	7	3	5	3	45
Softening of the Brain	.....	.....	.....	1	.....	.....	1	1	1	1	.....	1	6
Spleen	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1

REPORT OF INTERMENTS—Continued.

DISEASES.	Novem. '73	Decem. '73	January '74	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Sun Stroke	.....	.....	.....	.....	.....	.....	.....	6	.....	1	.....	.....	7
Suffocation	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	1	5
Teething	20	16	14	13	17	16	21	31	36	52	26	26	288
Thrush	1	3	2	5	4	4	4	3	2	2	3	4	37
Tumor	1	5	.. .	.....	.....	.....	2	6	2	2	1	2	21
Unknown Adult	3	.....	2	2	1	1	1	2	1	....	1	1	15
" Infantile	50	62	40	39	40	28	36	39	66	56	38	51	545
Ulcer	.....	.....	.....	....	1	.....	1	.....	.....	.....	.....	.....	2
Uraemia	.....	.....	1	.... .	.....	.....	.....	.....	.....	....	.....	.....	1
Violence	.....	..	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Whooping Cough	4	8	5	11	10	12	6	12	13	25	17	12	135
Worms	.....	1	1	.....	2	.....	2	1	1	1	.....	.....	9
	465	612	545	512	627	503	509	746	836	888	589	569	7401

REPORT OF INTERMENTS—Continued:

AGES.	Novem. '73	Decem. '73	January'74	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Under one year.....	111	138	112	122	130	101	109	278	395	317	170	139	2122
Between 1 and 2 years.....	45	58	46	57	64	58	55	63	110	162	80	64	862
" 2 " 5 "	29	47	36	47	51	34	42	58	54	54	51	43	546
" 5 " 10 "	19	30	19	22	30	23	22	28	15	27	28	29	292
" 10 " 15 "	16	22	14	15	20	17	12	22	12	16	15	18	199
" 15 " 20 "	25	23	23	22	28	18	22	17	14	27	25	20	264
" 20 " 30 "	44	57	63	53	62	51	54	51	48	46	56	62	647
" 30 " 40 "	40	50	54	40	50	45	49	57	42	51	48	39	565
" 40 " 50 "	36	54	31	34	45	33	34	53	38	56	35	36	485
" 50 " 60 "	28	43	49	31	50	35	34	36	33	35	29	32	435
" 60 " 70 "	27	38	37	39	44	36	28	37	38	52	23	35	434
" 70 " 80 "	33	37	41	17	35	32	32	31	26	25	23	38	370
" 80 " 90 "	10	11	12	11	13	15	13	14	10	18	5	11	143
" 90 & 100 "	2	3	7	2	4	5	2	1	1	1	1	2	31
Above 100 years.....	.....	1	1	.....	1	.....	1	.....	.....	1	.....	1	6
	465	612	545	512	627	503	509	746	836	888	589	569	7401

REPORT OF INTERMENTS—Concluded.

SEXES.	Novem. 73	Decem. '73	January'74	February.	March.	April.	May.	June.	July.	August.	September.	October.	Total.
Males	238	319	288	272	321	246	282	379	435	449	294	281	3804
Females	227	293	257	240	306	257	227	367	401	439	295	288	3597
Total	465	612	545	512	627	503	509	746	836	888	589	569	7401
Colored	95	124	114	109	130	110	99	140	131	153	114	102	1421
Still Births	35	31	32	30	35	31	26	38	31	37	33	27	386

REPORT OF VACCINE PHYSICIANS

For Twelve Months, Ending October 31st, 1874.

Wards	Name of Physicians.	Residence.	Number Calls.	Number Vaccinations.	Primary.	Secondary.	Successful.	Failed.	Not heard from	White.	Colored.	Male.	Female.
1st and 2d	M. J. Gately.....	244 Bank street.....	1,221	56	38	18	16	40	1	55	.....	26	30
3d " 4th	Geo L. Wilkins....	69 South Broadway.....	3,040	337	160	177	141	58	.....	237	100	180	157
5th " 6th	M. S. Taylor	135 East Monument street.	3,076	22	18	4	22	.....	.....	2,727	349	7	15
7th " 8th	D. C. Ireland.....	178 Aisquith street.....	1,214	45	.....	.....	31	14	.....	33	12	.....	.....
9th " 10th	Geo B. Reynolds...	Washington University.....	5,489	47	18	29	12	.....	33	36	11	24	23
11th " 12th	J. E. P. Bouldin...	131 Dolphin street.....	996	259	179	80	57	160	42	140	119	81	178
13th " 14th	Jas. A. Gilliss.....	23 North Green street.....	834	141	98	43	61	35	31	64	77	81	59
15th " 16th	C. S. Johnson.....	177 Conway street.....	2,305	110	70	40	57	33	10	10	7	6	11
17th " 18th	W. G. Regester.....	845 West Baltimore street.	556	76	52	24	30	.....	.....	43	29	37	39
19th " 20th	H. J. Houck.....	Cor. Fremont & Penn. av..	413	43	24	18	11	21	14	32	7	20	22
			19,144	1,136	657	433	438	361	131	3,377	711	462	534

Nuisance and Sewer Account, Ending October 31st, 1874.

To 56 Checks on Comptroller...	$5,482 41	By 12	vouchers,	Dan'l Dougherty.....	$600 00
		" 11	"	Wm. Donovan.....	1,375 00
		" 1	"	James McCracken.....	125 00
		" 10	"	James Nash.....	1,250 00
		" 9	"	E. H. Johnson.....	450 00
		" 2	"	Geo McLaughlin.....	100 00
		" 2	"	M. H. C. Perry.....	250 00
		" 2	"	Jno. E. Eshbach	868 92
		" 1	"	Lord & Robinson.....	8 00
		" 1	"	John R. Hudgins.....	7 50
		" 1	"	T. Dewling.....	77 80
		" 1	"	Theo. Ludwig.....	44 14
		" 1	"	August Knoop.....	175 00
		" 1	"	" "	150 00
		" 1	"	Dan'l Dougherty	1 05
56	$5,482 41				$5,482 41

Street and Garbage Account for Twelve Months Ending October 31st, 1874.

To 52	Checks on	Comptroller	$ 31,883	73	By 52	vouchers,	1st	Dis't,	P. Kelly, Sup't.	$ 31,883	73
" 52	"		38,593	50	" 52	"	2d	"	J. H. Coulter, "	38,593	50
" 52	"		34,488	85	" 52	"	3d	"	J. McNally, "	34,488	85
" 52	"		48,238	70	" 52	"	4th	"	L. Kroeger, "	48,238	70
" 52	"		46,498	30	" 52	"	5th	"	H. Lancaster, "	46,498	30
260			$199,703	08	260					$199,703	08

General Health Account for Twelve Months Ending October 31st, 1874.

To 136 Checks on Comptroller.....	$9,182 93	By 14	vouchers,	November,	1873...	$308 51
		" 15	"	December,	" ...	1,272 55
		" 14	"	January,	1874...	734 01
		" 13	"	February,	" ...	853 20
		" 14	"	March,	" ...	756 75
		" 12	"	April,	" ...	612 28
		" 7	"	May,	" ...	563 61
		" 9	"	June,	" ...	634 50
		" 10	"	July,	" ...	756 95
		" 11	"	August,	" ...	1,171 48
		" 11	"	September,	" ...	839 12
		" 6	"	October,	" ...	679 97
136	$9,182 93	136				$9,182 93

Marine Hospital Account for Twelve Months Ending October 31st, 1874.

To 85 Checks on Comptroller...	$11,999 74	By 4	vouchers,	November,	1873		$178 45
		" 5	"	December,	"		872 45
		" 13	"	January,	1874		1,139 64
		" 4	"	February,	"		598 64
		" 7	"	March,	"		607 82
		" 7	"	April,	"		1,008 98
		" 8	"	May,	"		396 96
		" 5	"	June,	"		912 03
		" 11	"	July,	"		2,416 25
		" 6	"	August,	"		202 19
		" 9	"	September,	"		1,444 39
		" 6	"	October,	"		2,221 94
85	$11,999 74	85					$11,999 74

RECAPITULATION.

Expenditures of Board of Health for the Fiscal Year Ending October 31st, 1874.

Street and Garbage account	$199,703 08
Cost of Maintaining Dumps Nos. 1, 2 and 4	25,339 01
General Health account	9,182 93
Nuisance and Sewers	5,482 41
Lime and Incidentals	212 29
Salary account	17,056 90
Marine Hospital	11,999 74
Disbursements under Resolution No. 140, Approved 1874	1,496 14
Watching Pest Hospital	687 90
	$271,160 40

REPORT OF THE

General Superintendent of Streets.

REPORT.

Doctor James A. Steuart,
Commissioner of Health.

BALTIMORE, November 2d, 1874.

SIR:—My position as Assistant Commissioner of Health and General Superintendent of Streets, requires that I lay before you a report of work done and money expended on account of same, for the fiscal year ending October 31st, ulto. In conformity with this requirement, I beg to present you with the following report, and accompanying remarks upon the same.

For collecting and removing garbage		$124,139 66
" removing manure and sand and cleaning the several market houses		42,636 50
" scraping and cleaning streets		32,030 50
" incidentals, scrapes, brooms, &c.		896 42
Total		$199,703 08

COST OF MAINTAINING DUMPS.

Rent for Dump No. 1	$500 00
Wages for " "	9,243 24
Toll on Garbage and Street Carts	985 34
Lumber and repairs	64 00
Tools purchased	150 00
Bags and Barrels for packing Poudrette	679 02
Screens	25 00
	$11,646 60
Dump No. 2 Rent for same	450 00
Wages of hands	463 10
	$913 10
Dump No. 4 Rent	$ 550 00
Wages of hands	8,618 71
Tolls	931 75
Lumber and repairs	65 42
Tools	148 25
Bags and Barrels for packing Poudrette	936 00
Screens	14 00
	$11,264 13

In addition to the foregoing there were expenses contracted in 1873 and paid for in the present year, as follows, namely:

Two Mules	$440 00
One Wagon	330 00
Rent of Stable	21 00
Feed	199 18
Rent of Old Dump on Mine Bank Lane	525 00
	$1,515 18

RECAPITULATION.

Street and Garbage account	$199,703 08
Dumps Nos. 1, 2 and 4	23,823 83
Disbursements on account of 1873, as per items given	1,515 18
Making a total of	$225,042 09

Of which credit should be allowed the present year for monies expended as above stated for 1873, thus making the actual cost or expenditures for Dumps for twelve months ending October 31st, 1874 $23,823 83

Against which the following credits should be allowed:		
Collected from sales of Garbage and Manure	$5,619 61	
Compost and Poudrette	10,056 66	
		15,676 27
		$8,147 56
In addition to the credit in actual cash received, there is due this Department from sales of Poudrette, &c., uncollected, which accounts are good and will be collected by this Department during the current year	$4,188 55	
Compost and Poudrette, &c. on hand, manufactured in the present year and in marketable condition,	3,000 00	
		7,188 55
		$959 01

It will be seen by the foregoing statement the cost of supplies, material, repairs, wages and entire maintenance of the Dumps for the fiscal year ending October 31st, 1874, was..... $23,823 83
Against which credits as before stated should be allowed of..... 22,864 82

$959 01

Leaving a balance of $959.01 as the actual cost of maintaining the several Dumps, for the fiscal year. This I confidently believe could not only have been covered, but a margin in favor of this portion of the Department shown, had the appliances for manufacturing Poudrette been of the same character they now are, and have been since the month of May last. From the nature of the arrangements existing when I took charge of this Department, on the 1st of March of the present year, I saw at once it became necessary in order to make this part of the Department a paying one, to make such mechanical alterations as would enable us to manufacture much larger quantities of Poudrette, at a less cost than had been done prior to this time, and as the alterations were of a character requiring time, a good portion of the Spring of the year was consumed before active operations could be commenced, thus retarding to a considerable extent the operations necessary to getting into marketable order much of this Fertilizer, which might have been disposed of had the same been in merchantable condition when needed; much even of that which we have disposed of this Fall was made ready by the employment of extra labor, and working the same night and day, this necessarily augmented expenses, all of which from present arrangements will be obviated for the future, and a better showing of this branch of the Department had.

I desire here to call your attention to the fact that Dump No. 2, on the Bel Air Road, when I came into the department was abandoned in consequence of an injunction issued by the County authorities prohibiting the use of same. Thus, instead of being as it should have been, a source of revenue to the department, was an absolute expense of $913 10 for rent and watchman's wages, to say nothing of the expense incurred in taking down and removing it ; this latter expense has been charged to Dump No. 1 in the way of wages. When these facts are taken into consideration, I think it will readily be seen that with proper management in the future, these Dumps will not only be self sustaining but a source of revenue to the city.

The expenses incurred in cleaning streets and collecting and removing garbage, while apparently large, is really considerably less than was expended for the same purpose for the preceding year, notwithstanding the forty-three additional carts required last year to remove garbage to Dumps have been worked the entire year, whereas this additional necessary force was only used ten months of the preceding year 1873, or from the time of the inauguration of the long haul to the present Dumping grounds. The use of these carts for the two additional months makes a difference of cost to this department this year in excess of last year of $8,127 ; notwithstanding this fact it will be seen by comparison with statement for 1873, that over $7000 less has been expended in this branch of the Department for the present year. I take occasion here to state, from the rapid extension of the city and the constant demand from the growing portion of the same for work to be done in the way of Cleaning Streets and the collection and removal of Garbage, it has been all this branch of the Department, with its apparently large and expensive force, by the utmost

exertion on their part could possibly do to keep pace with this demand, and doubtless, in the future a larger expenditure of money will be necessary to effectually meet these requirements.

As regards the condition of the streets, lanes and alleys, I am pleased to state they have been and are kept in an unexceptionably cleanly condition ; this gratifying result is due in a great measure, to the efficient, cheerful and prompt support I have invariably received from the Superintendents of the several districts comprising this portion of the Department.

In compliance with suggestions made by yourself, I have given strict attention to the abatement of nuisances in the way of unpaved private lanes and alleys, many of which were of years standing, and not only unhealthy in their character, but exceedingly offensive and annoying to the public ; the same may be said also of a large number of vacant lots, which require draining or filling up. An accompanying Tabular Statement of the number of these nuisances abated will, I hope, serve to show the activity displayed, and the desire to meet your requirements in this matter.

In addition to the foregoing, I beg to state that every attention has been paid to your expressed views in regard to keeping in a cleanly condition all openings to sewers, also the purification or deodorizing, as directed by you, during the heated term ; much has also been done in the way of cleaning out sewers, by those who have the immediate charge of cleaning them, namely, the Superintendent appointed for this purpose. But I here beg leave to suggest that these men be better paid for this work, their present compensation of $50 per month being in my opinion inadequate to their performing properly the duties necessary

to be performed, and as required by this department. Attention has also been paid to limeing the gutters in low districts, which from the nature of their location, and want of proper drainage, could not be kept in a perfectly cleanly condition.

In conclusion, permit me Sir, to thank you for your uniform courtesy towards me at all times, also for your valuable suggestions and prompt assistance in all matters pertaining to the duties of the department over which I have control, and with the hope that my exertions as Assistant Commissioner of Health may meet with your entire approval, I have the honor to be

Very Respectfully,

Your Ob't Servant,

A. E. SMYRK,

Ass't Com. of Health and Gen'l Sup't of Streets.

TABLES.

Annual Report of Health Department of Complaints made and Notices, Orders, &c. issued, together with the Official Letters written and received, for the Fiscal Year ending October 31st, 1874.

Number of complaints made.	19,898
Number of Notices issued.	13,601
Number of Nuisances examined in person by Health Officers and Inspectors from this Office.	1,012
Number of Orders Issued for all Purposes.	1,731
Number of Orders Attended to.	1,264
Number of Official Letters written.	1,560
Number of Official Letters received.	322
Number of Alleys paved.	123
Number of Lots drained and filled.	177
Number of Notices issued to clean Privies.	11,818
Number of Notices issued to clean Cellars and Yards.	890
Number of Privies Emptying into Basin Cut off	52
Number of Privies Emptying into Jones Falls Cut off.	110
Number of Notices issued to clean and pave Alleys.	893

	Totals.	No. Loads Garbage Hauled.	No. Loads Manure Hauled.	No. Loads Sand Hauled.	Cost Collecting Garbage.	Cost Collecting Manure and Sand.	Scraping & Sweeping Streets and Market Houses.	No. Loads Garbage Sold.	No. Loads Manure Sold.	Received for Garbage Sold.	Received for Manure Sold.	Cost of Tools.
1st Dis.—P. Kelly.....	$31,883 73	13,503	7,882	6,909	$18,839 66	$7,522 00	$5,359 50	$3,775	5,772	$1,161 25	1,458 05	$162 57
2d Dis.—J. H. Coulter	38,593 50	16,699	4,099	10,339	24,145 50	8,540 00	5,738 00	2,263	200	637 25	50 00	170 00
3d Dis.—J. McNally..	34,488 85	14,328	5,321	4,928	19,684 00	8,589 50	6,001 00	910		293 65	95 70	214 35
4th Dis.—L. Kroeger.	48,238 70	22,505	3,821	11,483	30,975 00	9,597 00	7,489 00	2,239	2,346	171 96	632 55	177 70
5th Dis.—H. Lancaster	46,498 30	28,424	3,490	12,138	30,495 50	8,388 00	7,443 00	2,440	2,204	296 20	823 00	171 80
	$199,703 08	95,459	24,613	45,797	$124,139 66	$42,636 50	$32,030 50	11,627	10,522	$2,560 31	$3,059 30	$896 42

REPORT OF THE

Marine Hospital,

FOR THE YEAR 1874.

REPORT.

MARINE HOSPITAL,

PORT OF BALTIMORE, October 31st, 1874.

To the Honorable the Mayor and City Council:

GENTLEMEN:—As it has been the custom to send in a report at the end of each quarantine season, which commences May 1st and ends October 31st, for the preceding year, I will with the help of my able and praise-worthy assistant, who was also the assistant of my predecessor, give you an account of what has transpired during this term. Having entered upon the duties of this office late in August, I can only speak from personal observation for little over two months.

I find my predecessor has done much for the improvement and comfort of this place, but there remains much yet to do. It should be made an ornament and credit to our city, being, as it is, the gate that shuts out the greatest enemy to trade and commerce, and perils the lives of every inhabitant. I cannot imagine any post that should be of greater interest or importance to all within its limits.

In the short time I have been here, one of the greatest pestilences and fell destroyers that can invade a city, has approached its borders, and has by diligence and attention

been prevented from entering. But much remains yet to be done; the season for other pestilential fevers has just arrived, and I beg to call your attention to the fact, that in all low forms of fevers, much depends upon surroundings. A neglected place makes an unfavorable impression upon the minds of diseased persons; much pains should therefore be taken to beautify and adorn the Hospital, that the first impressions may be favorable.

Ours has been almost a neglected waste. I cannot think this has been from any pecuniary consideration upon the part of our city, but because its wants have not been presented in a proper manner for consideration. No great expenditure is necessary to make this equal to any post of its kind, I therefore beg to call your attention to the following facts:

The grounds here according to the plan already begun by the city, can be greatly extended, adding immensely to the value of the place by the desirable water front it will present. To render available this extension, and also what is already within our enclosures, the present arrangement in regard to labor is not sufficient. There is grubbing, clearing up and fencing, besides other work necessary to be done, ample to employ four more able men.

The Main Hospital wants painting outside and inside, doors and windows of the barracks also, for preservation. We are also very much in need of bath rooms, arranged for hot and cold water; the boiler should be placed in the disinfecting house erected on the wharf for that purpose. The pools left in front, that now contain stagnant water, need filling up.

There is every necessity for a Tug Boat to convey the sick from Baltimore City to the Marine Hospital, as the present mode of conveyance must increase the mortality. It would

also benefit the city by saving an enormous expense for transportation, as shown by Dr. Conrad's reports from 1871 to 1873, and an enormous bridge toll at all times, besides enabling the Physician to board vessels in inclement weather without risk to himself and men, and when a vessel has been quarantined, and is to be unloaded, to aid in unloading at the expense of captain, consignee or owner, at established rates for such service. One scow already has been built for hospital use, this with another from the city yard would afford an income in time of pestilence, when the necessity arrives for discharging cargoes here.

The telegraph will be of great advantage in communicating with the Health Department, through which all orders should come for the admission of patients from the city, and for constant intercourse in other matters.

We want, as has been stated in previous reports from this office, a barn, stable, cow house and corn house. I am pulling down the old barracks, which are falling to decay, and shall be able to save from them sufficient material to put up all necessary outbuildings, if the means of erecting them is allowed.

The old clothing, beds, bedding, &c., used by small pox patients, I have had burned in compliance with orders issued. The Main Hospital has been thoroughly white washed and cleansed, so that patients can be received now without fear of contamination from previous cases that have been under treatment here.

All the stoves in the main building have been repaired, and new pipe where needed was supplied. The stoves from the old barracks have also undergone repair and been removed to the new barracks and placed in position; additional new pipe was required for this. Bedsteads, beds and bedding have been removed to them. A plank walk made

to the Hospital proper from some of the planks of the old barracks. The old wash house moved nearer the new buildings, and I now need for the more convenient and effectual transportation of patients and water, a hand car to use on this plank walk.

So far as has been possible, every thing is in readiness should we be so unfortunate as to have another visitation of contagion.

I am of opinion that all vessels from ports where the yellow fever prevails should continue to stop at quarantine until winter sets in.

Its late apppearance in Charleston, where it now prevails to considerable extent, shows, I think, the necessity of further precaution in this respect.

The accompanying tables will show the operations of this Hospital during the last season.

I am, Sirs, with high regard,

Your obedient servant,

WM. F. STEUART,

Resident Physician.

TABLES.

Showing the Number of Patients Admitted, and the Diseases Treated for each Month during the Year Ending October 31, 1874.

Number.	DISEASES.	1873.		1874										
		November	December.	January.	February.	March.	April.	May	June.	July.	August.	September.	October.	Total.
1	Varioloid							3						3
2	Remittent Fever							1			1			2
3	Intermittent Fever											1		1
4	Typhus Fever										1			1
5	Yellow Fever										1	3		4
														11

Deaths and Causes.

	DISEASE.	Male.	Female.
1	Typhus Fever.....	.....	1
2	Yellow "	.....	1

Amount of money received from patients treated in Hospital, and for disinfecting vessels from infected ports $25 00

Amount of Money Received for Quarantine Fees During the Year Ending October 31, 1874.

MONTHS.	CLASS OF VESSELS.					Total.
	Schooners.	Brigs.	Barks.	Ships.	Steamers	
November, 1873	$14 07	$7 66	.....	$8 77	$54 68	$85 18
December, "	.....	.....	$13 70	.....	102 53	116 23
January, 1874	.....	3 88	.....	11 20	86 27	101 35
February, "	.....	.....	.....	.....	79 58	79 58
March, "	.....	.....	.....	.....	87 23	87 23
April, "	.....	.....	.....	.....	90 96	90 96
May, "	332 51	77 88	161 30	23 78	319 07	914 54
June, "	448 92	107 97	191 61	30 73	274 81	1,054 04
July, "	61 74	78 29	124 59	31 47	244 74	540 83
August, "	62 21	55 77	190 29	12 38	230 76	551 41
September, "	42 08	64 77	169 11	30 89	241 79	548 84
October, "	60 08	36 81	90 83	20 07	282 28	490 07
						$4,660 26

Number and Class of Vessels Boarded at Quarantine During the Year Ending October 31, 1874.

MONTHS.	CLASS OF VESSELS.					Total.
	Schooners.	Brigs.	Barks.	Ships.	Steamers	
November, 1873	5	3		1	2	11
December, "			2		5	7
January, 1874		1		1	4	6
February, "					4	4
March, "					4	4
April, "					5	5
May, "	115	25	36	2	28	205
June, "	151	39	43	3	26	262
July, "	23	27	26	3	25	104
August, "	25	20	44	2	27	118
September, "	17	24	36	3	26	106
October, "	21	14	22	2	26	85
						917

Number of Vessels Quarantined During the Year Ending October 31, 1874.

MONTHS.	CLASS OF VESSELS.					Total.
	Schooners.	Brigs.	Barks.	Ships.	Steamers	
November, 1873						
December, "						
January, 1874						
February, "						
March, "						
April, "						
May, "						
June, "					1	1
July, "						
August, "		4			1	5
September, "		4	1			5
October, "	1					1
						12

Hospital Expenses.

Salaries and Wages of Employees	$8,484 31
Drugs and Medicines, as per bill rendered	131 21
Groceries, as per bill rendered	1,060 08
Vegetables, &c. supplied by Gardner	1,086 15
Butcher's bill	516 00
For Repairs of Stoves and Pipe	221 72
Total	$11,499 47

FIFTEENTH ANNUAL REPORT

OF THE

Park Commission,

TO THE

Mayor and City Council of Baltimore,

From November 1, 1873, to October 31, 1874.

REPORT.

OFFICE OF THE PUBLIC PARK COMMISSION,
Baltimore, October 13, 1874.

To the Honorable the Mayor and
City Council of Baltimore:

The Fifteenth Annual Report of the Public Park Commission respectfully represents:

DRUID HILL.

The limited means at the control of the Commission have confined the work at the Park to the maintenance of the grounds and roads in proper order, for a detailed statement of which, the report of Mr. Faul, the Engineer and General Superintendent, is referred to.

THE MADISON AVENUE APPROACH.

This has been put in excellent order, and the Commission have endeavored as far as practicable to meet the reasonable

wishes of the public and the co-terminous proprietors in regard to this principal approach to Druid Hill Park.

THE MOUNT ROYAL APPROACH.

This was described in the last Annual Report, and has since then been so far completed as to have become a popular means of access to the Park. The road on the face of the Druid Lake embankment connects, in a picturesque and agreeable manner, the approach with the system of roads within the Park.

Since the date of the last report, the Commission have determined, if the assent of the Water Board can be obtained, to include the Mount Royal Reservoir and fountain within the Park enclosure, so as to make a main entrance on North avenue, to which the beautiful fountain in the reservoir will be a striking and appropriate ornament. Improved by planting and walks, this portion of Druid Hill Park, if the Commission are permitted to carry out their design, will be in immediate contact with the City outline, and one of the most attractive embellishments of the North avenue.

CONSERVATORY.

Nothing has been done in this connection during the past year. The Commission still retain the ground for the purpose, and are not without hopes that something may yet be accomplished towards the object, by the gentlemen of the Academy of Science, who have it in hand.

PATTERSON PARK.

The improvement of this very beautiful Park has proceeded most satisfactorily under the immediate management of Mr.

Frazier, and the general direction of Mr. Faul: and to the report of the latter the Commission refer for the details of what has been accomplished during the past year.

PLANS FOR THE COMING YEAR.

The means of the Commission have been so greatly reduced by the reduction of the Park tax on the street railways, as to make it improbable that the Commission will be able to do more than keep the two Parks in barely a reputable condition during the coming year, even if they are able to do so much.

The Commission submit herewith the following documents:

1. Report of the General Superintendent.
2. Receipts and Expenditures of Druid Hill and Patterson Parks.
3. Balance sheet of both Parks.
4. Comparative statement.
5. Visitors, including Schools.
6. List of Employees.
7. Inventory.

JOSHUA VANSANT, *Mayor*,
Ex-Officio Chairman.
THOMAS SWANN,
JOHN H. B. LATROBE,
WILLIAM E. HOOPER,
LOUIS MCLANE,
JAMES WEBB,
Commissioners.

The frequent demands for general information regarding the Parks has suggested to the Commission the expediency of publishing the following

EXTRACT FROM THE NINTH ANNUAL REPORT.

The Public Parks, as they now exist, originated in a proposition entertained by the Mayor and City Council as far back as 1851 to establish a boulevard around the City. In the action which was had, "Boundary avenue" was the name adopted; but the idea of a boulevard—as the term is understood in Europe—differing from a street in its breadth, and in its being planted with trees and furnished with seats, and where pedestrians as well as equestrians and persons in carriages might find recreation and fresh air, was the governing idea notwithstanding.

By Resolutions Nos. 124 and 138, approved, respectively on the 12th and 21st of June, 1851, John H. B. Latrobe, James Carroll, Fielding Lucas, Jr., John H. T. Jerome, then Mayor of the City, John S. Brown, President of the First Branch, and Hugh Bolton, President of the Second Branch of the Councils, were appointed Commissioners "to inquire into and report upon the most feasible plan for opening, widening, extending and improving the avenues on the eastern and northern boundaries of the City, as laid down on Poppleton's plat,

and providing a like avenue on the western boundary of the City, and the expense of such a plan."

The Commission employed an engineer, and made a report indicating a route, which is marked on the map of Baltimore, drawn by Isaac Simmons, in 1852, and the cost of which was estimated at $641,360, exclusive of the right of way.

The report of the Commission suggesting that more detailed surveys might shew a diminished cost, they were continued by a Resolution, No. 114, of 1852, approved May 28th, with a wider authority as regarded location than they had before possessed; and, after very elaborate and careful surveys, they reported an entirely new route, where the cost of the boulevard, exclusive of the right of way, would be only $337,000.

The plan of construction proposed by the Commission was "a central space of one hundred and thirty feet wide, to be thickly planted with trees, leaving a carriage drive of forty feet on either side; and beyond that, again, foot pavements of twenty feet in width, making a total width of two hundred and fifty feet. Trees were also to be planted on the edge of the foot pavement next to the carriage ways, the space being sufficient to prevent their being interfered with by the adjacent houses on the line of the avenue, if built close to the pavement."

The surveys and estimates were made by Mr. A. Faul, the present Superintendent and Engineer of the Public Parks.

The Commission had full confidence in his accuracy, and recommended his plan.

The "Faul survey and location" is shown on another map of Mr. Simmons, published a year after the map already referred to in 1853.

All the detail of Mr. Faul's work are in the office of the City Commissioner; and that his plan will one day be adopted and executed, the present Commission are fully prepared to be-

lieve. In that event, Druid Hill Park will be in immediate proximity to the then Boundary avenue or boulevard.

Mr. Faul's location of the Boundary avenue included, between it and the City limits, a portion of Baltimore County, and required, therefore, the action of the Legislature enlarging the dimensions of the City before it could be carried into effect. It was found, however, when this increase came to be mooted, that it would meet with the most determined opposition on the part of the Baltimore County members in the Legislature, and there was so little prospect of success in attempting to carry a bill enlarging the City limits against their wishes, that the subject of the Boundary avenue was quietly dropped, and nothing came of the surveys that had been so carefully made, or the pains that had been taken to perfect a plan in every respect admirable and desirable.

Some years passed, and the boulevard was lost sight of by the public generally, when the subject of street passenger railways came before the people of Baltimore, in the many projects for their construction that were presented to the Councils. At this time Mr. Thomas Swann, afterwards Governor of Maryland, was Mayor, and having a veto of the proceedings of the Councils, which could only be overcome by a three-fourths vote, he was brought into immediate contact with the parties who sought to obtain authority from the Mayor and City Council to lay down tracks for passenger cars in the streets. It seems that he had not forgotten the Boundary avenue movement, and to all those who applied to him about the passenger railways he said, that his approval of any measure that the Councils might pass would be given only in case it provided for the payment of one-fifth of the gross income of the railways, to be applied to carrying out the old plan, or else purchasing and maintaining a park or parks. When the ordinance authorizing the railway in the streets, therefore, passed the Coun-

cils, it contained a provision to this effect, and was signed by the Mayor.

It was supposed, perhaps wrongfully, that the ready assent of the railway company would not have been given to this feature of the ordinance, had it not been supposed that it would be repealed at a later day; and there was at one time a contest for the control of the company, which it was thought involved the punctual payment of the twenty per cent. gross income. Be this, however, as it may, the terms of the ordinance have, in this particular, been faithfully complied with up to the present time.

As soon as the railways went to work, the revenue for park purposes began to accumulate, and when it had reached about $40,000, the Mayor, still Mr. Swann, suggested to the Councils that the time had come for using the fund; whereupon a resolution was passed, No. 227, of 1860, approved June 4th, authorizing the Mayor "to appoint four discreet persons, who with the Mayor should constitute a Commission to select and purchase, in the name of the Mayor and City Council, a site or sites for the proposed park or parks," and providing that said Commission should "serve without pay or emolument."

Under this ordinance, the Mayor appointed Mr. John H. B. Latrobe, who had been the chairman of the Boundary Commission, Mr. William E. Hooper, Captain Robert Leslie, and General Columbus O'Donnell; and the Commission, after determining that the Park should contain at least five hundred acres, advertised for proposals from owners of property in Baltimore and its vicinity. Numerous proposals were offered, and every location was visited and its advantages weighed. Mr. Lloyd N. Rogers' property of Druid Hill so far surpassed them all, however, that there was no difficulty in selecting it. The next question was as to the mode of paying for it. The plan of Mr. Swann was to issue the bonds of the City for the pur-

chase money, and to apply the revenue of the passenger railway first to the payment of the interest, then to appropriate one-fifth of what might remain after paying the interest, to a sinking fund for the redemption of the bonds at their maturity, and lastly to use the balance for the maintenance and improvement of the Parks.

This plan commending itself to the Councils, an ordinance was passed carrying it out, No. 60, 1860, approved July 17, and the Commission which had made the purchase, with the addition of Mr. Swann, whom the ordinance made a member, "in his individual capacity," was continued, with ample power to do whatever might be proper in the premises; vacancies in the Commission to be filled by the Commission itself, and reported to the Councils for, and subject to, their approval.

There having been some doubt, whether the corporation had full power to legislate, as it had done in this connection, the Legislature of the State subsequently ratified the ordinance of the Mayor and City Council, so as to make it equivalent to an Act of the Legislature itself; and gave to the Park Commission authority to open approaches to Druid Hill Park, which the State was alone competent to confer, and among other things, provided that the Commission might adopt rules for the government of the Parks, prescribe fines and penalties for their infraction, and collect the same before a City Justice, which could not otherwise have been done, inasmuch as Druid Hill Park was altogether outside the City limits, in Baltimore county. the Legislature also authorized the Police Commissioners of the City to detail men to aid in the preservation of order in the Parks.

After the Commission had selected Druid Hill as the best location for the Park, the citizens in the eastern section, from which it was remote, proposed that the Commission should

purchase some ground adjacent to the Park which the late William Patterson had donated to the City. This was done, and Patterson Park, so called, was enlarged so as to include within it about 37 acres.

It soon became apparent, that while the income from the passenger railways, after deducting the interest and the sinking fund, might suffice to keep the Parks in order, it was necessary to have more means, in the first instance, to set them a going as it were; and the City Councils appropriated, accordingly, $150,000, less ten per cent. for a sinking fund, to Druid Hill Park, and $20,000 to Patterson Park, with the same deduction. Of this sum, the Commission paid $27,000 to the Water Board to induce them to choose the present site of Druid Lake, which would then become a feature in the Park, for the reservoir which the Board proposed to constrnct for the storage of a water supply. This the Councils subsequently refunded to the Park Commission. Afterwards the Councils appropriated $50,000 to Park purposes, $40,000 to Druid Hill, and $10,000 to Patterson Park; these sums, with the income from the railways, have been the means which the Commission have had for doing the work which the citizens of Baltimore are familiar with, and which has been detailed in former reports.

It is with a feeling of some gratification that the Commission are able to say, that they have never yet been obliged to call on the City to make a payment, for which the Register had not the means at his command belonging to the Parks.

It is also a matter of pride on the part of the Commission to be able to say, that for seven years of their existence, the service of a Deputy Sheriff of the county, in their employment as agent for an hundred things besides, under the title of Superintendent of the Park Police, has been sufficient for the preservation of order. A couple of policemen, within the last year, have, through the courtesy of the Police Commis-

sioners, been detailed for Park duty, and to aid in checking fast driving. The people of Baltimore have been their own conservators of the Parks. They appreciate and enjoy them, and they preserve them. The appeal made to them by the Commission in the first year of the Parks, has been fully and most honorably responded to.

The Commission have no police account, and the services of their Deputy Sheriff are so multifarious, that his official character as an officer of the Sheriff of Baltimore county is rarely recollected.

The Commission are often asked, "How large is Druid Hill Park, and what was its cost?" and this seems a proper place to answer the inquiry, although past reports have contained the information.

	A.	*R.*	*P.*	
The purchase from Mr. Rogers of the Druid Hill estate was	453	0	28	at $1,000 per acre.
Additional purchase of Mr. Rogers	8	1	17	" "
Additional purchase of Mr. Rogers	11	3	36	" "
One-fourth of the Mount Vernon Cemetery	16	0	00	" "
Bought of Kroft's heirs	4	2	15	for $6,009.
Bought of John Clark and others	11	2	23	at $1,000 per acre.
Bought of Hugh Gelston	7	3	00	at $700 per acre.
Bought Miles White	5	1	5	at $800 per acre.
Making in all	518	3	4	

In addition to the above, a portion of the adjacent vacant property of the Water Board is, by agreement, to be included within Druid Hill Park; and it is not improbable that the whole of the ground intervening between Druid Lake and the Park will be included, the Park Commission taking charge of that belonging to the Board which it may be willing to trust to their custody, and acquiring some individual interests that would, in that event, be purchased, so as to have within the Park enclosure nothing not under the control of the Commission. The area of Druid Hill Park, including Druid Lake, will then be nearly six hundred and eighty acres, with an unbroken frontage on the Northern Central Railway and the

valley of Jones' Falls, of six thousand feet, (6000), or a mile and about three-twentieths of a mile. The cost of Druid Hill Park, exclusive of improvements, up to this time, is $511,-323 11, and of Patterson Park, $42,642 50. When the Druid Hill estate was bargained for, it was liable to be intersected by the Green Spring avenue turnpike, which would have prevented the purchase, had not an understanding been had with the Turnpike Company on the subject, that ultimately resulted in the extinguishment of the right by the payment by the Park Commission of $20,000, and by an agreement providing for access to the turnpike through the Park, of such vehicles as were admitted into the latter by its rules.

Before closing this part of the report, which may be regarded as a sort of history of the Parks from the beginning, it is proper to record, that, after the purchase had been agreed upon between the Commission and Mr. Rogers, the latter, distrusting the value of the city's six per cent. stock, in which he was to be paid, refused to comply with the terms of sale, and a law suit was imminent. This was averted through the friendly offices of Mr. Archibald Stirling, who induced Mr. Rogers to withdraw his opposition on receiving one-fourth of the purchase money in cash. The cash was obtained by each of the following named gentlemen taking $10,000 of the stock at par, which placed the Commission in funds to settle with Mr. Rogers: Columbus O'Donnell, Thomas Swann, John M. Orem, John S. Gittings, George S. Brown, William E. Hooper, John H. B. Latrobe, Thomas Winans, Chauncey Brooks, Benjamin Deford and Enoch Pratt.

It is proper, too, to add, that there was no loss consequent upon this liberality, for the stock which was doubted by Mr. Rogers at the time, and was scarcely par, became afterwards a favorite in the market.

ENGINEER'S REPORT.

ENGINEER'S AND GENERAL SUPERINTENDENT'S OFFICE,

Druid Hill Park, October 31, 1874.

To the Public Park Commission:

GENTLEMEN:—The following report for the fiscal year of 1874 is respectfully submitted, as follows:

DRUID HILL.

The principal work performed during the year was the completion of the Mt. Royal avenue contract which had been commenced a little over a year from the present date, and so vigorously prosecuted that, notwithstanding the time of two years given to the contractors for the completion of the work, this was performed before the end of one year. With a considerable force of men and carts, the contractors had reached the Park at the foot of the dam south of the tower as early as June, by which time they had excavated and removed about 115,000 cubic yards of material, principally taken from the old Fort and bluff at the Northern Central new depot ground.

The connection with the Park thus being effected, I was requested by you to study and survey the best location for a

drive connecting Mt. Royal avenue with some of the existing Park roads. The short distances to the boundary lines, at the head of the avenue, and the steep slopes of surroundings generally, made it somewhat difficult to arrive at a satisfactory solution of the question in view. The feasibility, however, of a level drive around the knoll east of the Tower, and along the slope of Druid Lake Dam, was shown by my maps, and the plan met your full approbation. A second contract was awarded to the same parties of the first contract, and the work vigorously prosecuted. It is due to Mr. D. L. Chamberlain, one of the contractors, under whose charge the work was executed, to acknowledge his ability and promptness as a contractor.

The material for the embankment attached to the slope of the Dam at a height of 50 feet measured from its base, (or 50 feet below the top of the dam,) and of 40 feet width at its touching point, was obtained from the same cut at the bluff which had furnished the filling material for the deep ravine south of the Tower.

The Forthill, hiding before one of the most beautiful sights towards the City and bay, has now disappeared, and the Park gained a most desirable view from the Dam near the Tower. The embankment attached to the Dam is rather a benefit to the water-works, in either way of utility or beauty, the stability of the Dam having, undoubtedly, been increased. In looking down in the direction of the pipe-house, and meeting some of the regular slopes originating from cuts and fills for water mains and roads, it strikes me that, by little expenditure, some fine improvements for sight could be effected by merely cutting down the tops of these regular sharp slopes, and shaping a charming vale by doing so.

With reference to the grading of Mt. Royal avenue, and its continuation into the Park, there was no provision made in the contract for the top-dressing of the road bed with stone, as this

is a separate matter from the mere grading. Finding, however, that the material from the main cut was also suitable for top-dressing, and that any other mode of constructing a road-bed, either by Telford's or McAdams' system, was by reason of economy, out of question, it was concluded to substitute the cheapest way by graveling, so as to open at once a passable road for the new entrance to the Park by Mt. Royal avenue. The contractor for grading was induced to furnish picked material for the road-bed, without any extra pay but the ordinary allowance for excavation, though he had to select only such material as we thought fit for the purpose.

Whilst the contractor was thus employed in finishing the road-bed of the avenue, a squad of our Park hands were ordered to border the unfinished road in the park, running easterly from the new pump-house, and meeting the contractor's work. As this old road was not, or had only been partly graveled, the contractor had been also engaged to furnish gravel for the completion of a perfect connection of roads.

After the completion of this work the same gang of Park hands were set to work on the East avenue, where they had commenced work to meet that of the contractor, now going northerly instead of easterly. This avenue had been graded some years ago, but left in an unfinished condition on account of interference with water-work structures going on at that time. But since the connection with Mt. Royal avenue has been made, and the water-works finished, it becomes now more desirable that this road should be put in order. To prevent further washing, the first step required was the bordering with sod and the application of drains in certain places. A re-survey with slight changes owing to the location of mains for the water-works was required, and with the small force of laboring men, we will be able to finish the r-egrading and bordering

within a few weeks. If means will allow, the graveling should be performed during the coming winter.

The whole working force of the Park, exclusive of the large contracting force, consisted of sixteen to twenty men with Park horses and carts, the latter being principally employed, during summer, with watering roads, &c. The men were divided into squads attending to the different duties of keeping the Park in order, and making such improvements as were most pressing and practicable with such a small force. The gardener, a hard working man, with a few picked hands, attended to the trimming of the borders of roads and walks over the whole Park, besides propagating and re-setting flowers, watering them, grub, bing and cleaning up generally, setting, trimming and cultivating trees, (over 600 evergreens around the grave-yards were planted.) Another small force attended to the cutting of dead trees and limbs, cording wood, &c., another to the cleaning of cess-pools and opening drains, repairing small damages on roads &c., still another gang, assisted by some carts, made repairs of roads, by adding gravel on many worn out places. Some pieces of road had to be covered entirely with a new layer of rotten rock or gravel, and this was done by outside contract. So the approach to the Park orMadison avenue extended was totally repaired in this way, and side-gutters paved as far as the road was subject to damages by heavy rains. Similar improvements by gutters have also been made along some of the steeper grades of roads, at the same time pipes and cess-pools had been introduced in localities where they were most needed. Though since the last two years many improvements in this direction were made, there is still a good deal left to be done. Surface drainage should always depend on practical observations in the different localities with their various topography and soil. Expensive stone gutters and other structures required, at first sight, for the protection of road-beds, may often be avoided by a judicious

distribution of the rain-water, whereby its accumulation and destroying effects will be made harmless. On this principle of economy, we are gradually working up our system of surface drainage.

As to underground-drainage, we had only to contend with a few acres of swampy ground in two localities, one in the meadow below the skating-pond, and the other in the south lawn Both of these marshes were treated in the modern agricultural style of subterranean drainage. The cheap earthen pipes (tiles) were used, the main eight inches, the laterals two inches wide, and from thirty to forty feet apart. The result has shown the ground to be as perfectly dry as any other spot in the Park.

Many other improvements, some insignificant to the eye, were also performed during the year, amongst others, leveling of irregular surfaces, sowing grass seeds, manuring poor soil, ploughing and harrowing, &c. A marked feature of improvements will be noticed in the northern section of the Park, not far from the Woodberry gate.

All this different work was carried out under the superintendence of Captain Cassell, who was in charge of men, horses and carts, and who frequently lent his skillful hand to the construction of cess-pools and other work, besides attending to his police duties in his usual satisfactory way.

The great amount of engineering work occasioned by the rapid construction of Mt. Royal avenue, was performed without any extra help, save the employment, for a few weeks, of an assistant engineer, for the purpose of recording all the original heights by cross-sections over a very irregular surface of ground, which required the laying off and leveling of a large number of small (25 feet) squares, serving to ascertain the true amount of cubical contents for the monthly and final estimates of the contractor's work. From this data and the measurements taken during and at the end of the work I was enabled

to make the most accurate calculations of quantities by which the contractors were to be paid.

PATTERSON PARK.

Two separate forces were employed during the year, one of a small number for preserving and keeping in order the improved grounds, the other for continuing the work of construction on the new extension, which work had been commenced in the latter part of last year. For the prosecution of this work a force varying from thirty to seventy men, with a proportionate number of horses and carts, were employed, by which all the heavy work of excavating and filling has nearly been completed.

The original drive of about three-quarters of a mile extending now over the new ground, has been increased half a mile over its former length, and by the obliteration of that steep portion running east and nearly parallel with Gough street (the former boundary line of the Park) the drive as graded now, has gained much in view of shape and easy grade. The former cut along this boundary line for street purposes, required a good deal of regrading for effecting a natural shape of the ground for Park purposes. A wide promenade (the "Mall") and a handsome drive passing now over that locality, its present appearance does not leave a single trace of its former deformity.

The drainage of the road beds of the drive and mall is made perfect by underlaying a strata of oyster shells (which were had at a trifling cost,) connected with several cross pipes (earthen,) the tops of the roads consisting of gravel obtained from the vicinity of the Park. The grades of these roads were carried out strictly to the studied profiles and plans adopted by you and shown on the maps which I prepared before the execution of the work. Mr. Frazer, the superintendent of the work,

deserves much credit for the punctual adherence to these plans, as well as for the good judgment displayed in the discharge of his various duties.

The shaping of the ground had frequently required lifting and transplanting of trees to suit the new formation of the ground. The "Mall" had been planted with young maple trees, some new groups of trees were introduced on the extension, some older ones improved or completed, preparations made for planting more trees, for which purpose a small nursery was established in the southeast corner of the extension, from forest trees taken out of the woods in Druid Hill Park where they could be spared, to which have been and will be added other ornamental trees and shrubberies from outside nurseries when required.

In consequence of the late grading and paving of Baltimore street, along the northern boundary line of the Park, the fence had to be set back temporarily to prevent its being undermined. It is desirable that the fence should be adapted to the grade of the street, and the adjoining slope of the Park regraded, this will effect the drive also, touching the steep slope at one point very closely. On my last inspection of the Park I have agreed with Mr. Frazer about a change of the drive, for a short distance. For the removal of the surplus material at the foot of the slope, a small force of men and carts has been set to work and a number of trees have been and will be removed from this place to the inner portions of the Park. All the good material found in the slope has been and will be used in the construction of walks through the extension.

In addition to the work of preserving and keeping in order older improvements, a number of gutters on steep grades of walks were paved, and the system of surface drainage extended over such ground which most needed it.

The introduction of flowers into Patterson Park has been

commenced with a few group of cannas and yuccas, and seems to be well appreciated by the visitors of the Park.

All of which is respectfully submitted.

AUG. FAUL,

Engineer and Gen'l Sup't.

Receipts and Expenditures of Druid Hill Park, Fiscal Year ending October 31st, 1874.

	Dr.	Cr.
Interest	$38,667 03	
Building for shelter	2,950 00	
Madison avenue extended	364 24	
Mount Royal avenue	26,572 03	
Engineering	2,038 38	
Police	1,222 71	
Roads and Walks	5,820 25	
Maintenance	41,733 02	
By City Passenger Railway Co., ⅘ of receipts		$122,492 65
" Citizens' Railway Co., ⅘ of receipts		16,676 68
" York Road Railway Co., ⅘ of receipts		2,300 21
" Baltimore, Peabody Heights and Waverly Railway Co., ⅘ of receipts		12,182 04
" Sundry sales		861 71
" Rent of Mansion		496 00
" Fines		125 00
" Boats		523 50
	$119,367 66	$155,657 79

Receipts and Expenditures of Patterson Park, Fiscal Year ending October 31st, 1874.

	Dr.	Cr.
Interest	$ 9,666 73	
Improvements	10,279 50	
By City Passenger Railway Co., $\frac{1}{5}$ of receipts		$30,623 16
" Citizens' Railway Co., $\frac{1}{5}$ of receipts		4,169 16
" York Road Railway Co., $\frac{1}{5}$ of receipts		575 05
" Baltimore, Peabody Heights and Waverly Railway Co, $\frac{1}{5}$ of receipts		3,045 50
" Rent of Refreshment Saloon		200 00
" Sundry Sales		35 00
" Fines		15 00
	$19,946 23	$38,662 87

Balance Sheet Druid Hill and Patterson Parks, Fiscal Year ending October 31st, 1874.

	Dr.	Cr.
To balance due City Register last year	$15,693 03	
" Interest	48,333 76	
" Pay-rolls and improvements.	91,267 66	
By receipts from City Passenger Railway Co., less sinking fund		$153,115 81*
" Citizens' Railway Company, less sinking fund		20,845 84
" York Road Railway Company less sinking fund		2,875 26
" Baltimore, Peabody Heights and Waverly Railway Co., less sinking fund		15,227 54
" Rent of Mansion, sundry sales, fines, &c		2,362 71
	$155,294 45	194,427 16
Balance due Park Board	39,132 71	
	$194,427 16	

*The City Passenger Railway Companies have paid their indebtedness in arrears this year.

COMPARATIVE STATEMENT.

Receipts.	1872.	1873.	1874.
Receipts of City Passenger Railway, for fiscal year ending October 31st, 1874, less sinking fund	$66,794 79	$78,149 49	$153,115 81*
Deduct interest on Park Stock, as per Register's Acct...	33,333 76	33,333 76	48,333 76
	33,461 03	44,815 73	104,782 05
Receipts of York Road Railway less sinking fund	2,163 11	2,449 32	2,875 26
" Citizens' Railway Co., less sinking fund	18,768 32	14,237 65	20,845 84
" Baltimore, Peabody Heights and Waverly Railway Company	.....	451 84	15,227 54
Remaining for Park purposes	54,392 46	61,954 54	143,730 69
Of which one-fifth goes to Patterson Park	10,878 49	12,390 90	28,746 13
And balance to Druid Hill Park	43,513 97	49,563 64	114,984 56
Add resources peculiar to Druid Hill Park :			
Sundry sales	1,242 70	569 15	861 71
Rent of Mansion	188 50	324 49	496 00

Fines	$ 155 00	95 00	125 00
Park Railway	3,275 34	1,584 22	.....
Boats	777 00	388 50	523 50
	49,152 51	52,525 00	116,990 77
Additional revenue peculiar to Patterson Park	160 00	208 75	250 00
Patterson Park, one-fifth of general revenue	10,878 49	12,390 90	28,746 13
Total applicable to both Parks	60,191 00	65,124 65	145,986 90
EXPENDITURES.			
Labor and materials up to Oct. 31st, Druid Hill Park	133,028 13	53,421 36	80,700 63
Labor and materials up to Oct. 31st, Patterson Park	12,574 13	12,390 90	10,279 50

*The City Passenger Railway Companies have paid their indebtness in arrears. This accounts for the large sum received this year.

Visitors to Druid Hill Park in 1874, *Main Entrance.*

MONTHS.	Double Carriages.	Single Carriages.	Horesmen.	Pedestrians
1873.				
November	2,214	4,790	904	12,241
December	1,462	3,577	693	8,062
1874.				
January	1,246	2,688	406	8,101
February	874	2,133	268	6,806
March	1,606	3,887	582	10,718
April	1,846	4,616	831	9,525
May	7,329	16,604	1,174	37,499
June	9,245	23,886	2,087	41,026
July	5,564	34,546	1,671	57,745
August	22,183	48,766	2,395	51,430
September	15,434	31,476	2,153	42,186
October	6,735	6,723	1,371	24,271
	75,738	193,692	14,535	309,610
Single Carriages	193,691			
Total Carriages	269,430			

Visitors by Reisterstown Entrance.

MONTHS.	Double Carriages.	Single Carriages.	Horsemen.	Pedestrians
1873.				
November	1,295	2,515	650	2,500
December	995	1,950	465	1,450
1874.				
January	550	1,095	450	1,050
February	695	990	500	1,075
March	750	1,175	650	1,265
April	885	1,395	755	1,515
May	1,157	2,550	835	2,975
June	1,575	3,575	885	3,550
July	1,650	4,515	950	3,975
August	1,735	5,650	810	4,565
September	1,725	5,560	710	4,235
October	1,610	5,210	385	3,150
	14,622	36,180	8,045	31,305

Visitors by Railway Gate.

Months.	
1873.	
November	8,318
December	5,867
1874.	
January	6,949
February	4,312
March	6,286
April	5,756
May	51,462
June	58,525
July	115,885
August	90,495
September	40,522
October	25,246
	419,623

LIST OF EMPLOYEES.

DRUID HILL PARK, *October* 31*st*, 1874.

To the Public Park Commissioners:

GENTLEMEN:

The following are the names of the employees of Druid Hill and Patterson Parks, with their occupation and compensation:

August Faul, Engineer and General Superintendent	$2,000 00	per annum.
Wm. H. Cassell, Deputy Sheriff and Superintendent of Park Police	1,200 00	"
D. Rayhice, Secretary and Treasurer	1,200 00	"
John Dietrich, gardener	12 00	per week.
John Spedden, gate-keeper main entrance	8 00	"
Wm. Chamberlain, watchman main entrance	8 00	"
John G. Vance, gate-keeper railway gate	8 00	"
Michael Dunn, gate-keeper Mount Royal avenue entrance	8 00	"
A. Hutchins, gate-keeper Woodberry entrance	7 00	"

Patri k Bryan, at stable.....	1 50 per day.
Laborers employed during the year average fifteen.....	1 75 "
Two drivers.....	9 00 per week.
Two drivers.....	6 00 "

PATTERSON PARK.

Wm. Fraser, Superintendent.....	$1,200 00 per annum
Selar Barton, gate-keeper.....	7 00 per week.
Laborers, average fifteen, at.....	1 75 per day.
One Park horse and cart.	

D. RAYHICE,
Sec. and Treas

Schools which have Visited the Park during the Summer, Denomination and Number.

	Schools.	No. of Persons.
Public Schools	48	7,200
Private Schools	23	3,450
Methodist Episcopal	33	4,900
Roman Catholic	25	3,752
Baptist	6	900
German Reformed	16	2,400
Protestant Episcocal	23	3,540
Methodist Protestant	12	1,800
Presbyterian	10	15,65
Schools from a distance	16	8,000
6 large Parties from a distance,		3,000
Orphan Asylums		5,400
131 Base Ball Permits.		
107 Private parties by permit.		
	212	45,907

Recapitulation of Visitors to Druid Hill Park.

Double Carriages	92,360
Single Carriages	229,872
Horsemen	22,580
Pedestrians	340,915
Schools, 212, number of persons	45,907
By cars and railway gate	419,623

An Inventory of Property at Druid Hill Park, Oct. 31st, 1874.

Bouldin's Plot of Druid Hill Park, with case.
3 Topographical maps of Druid Hill Park.
1 Topographical map of Patterson Park, enlarged.
Map and profile for terrace at Pavilion.
Maps and profile of Mt. Royal avenue.
Some sheets of drawing paper.

OFFICE DEPARTMENT.

Register book and City Directory.
2 rustic flower stands and bird box.
2 walnut tables, 1 oak desk.
1 pine desk, 1 cane seat rotary chair.
6 cane seat arm chairs.
1 large oak table, 1 pitcher and wash bowl.
2 spittoons, 1 walnut washstand and looking-glass.
1 bucket, 2 student lamps, 9 stoves.
35 chairs and 34 stools on Mansion porch.
12 music stools.

TOOLS, IMPLEMENTS AND FARMING UTENSILS.

6 sets of cart gears, 4 carts, 6 pair of double harness.
3 two horse water wagons, 1 water cart.
2 wagons, 1 no-top buggy.
3 sets single and 1 double set of wagon gears.
1 saddle and bridle, 1 dray and night cart.
3 tool boxes, 1 plow, 1 straw cutting machine.
2 drag harrows, 1 snow plow.
47 picks, 30 spades, 20 long handle shovels.
27 old spades, 1 lumber wagon.

1 garden engine, 2 hand rollers.
1 cart for hauling leaves, 8 hay forks.
5 dung forks, 4 drag forks, 6 large ropes.
1 Ætna mower, 2 Excelsior 1 horse mower.
1 swift one horse mower, 3 hand mowers.
1 heavy two horse roller, 1 light one horse roller.
4 awnings for stations, 2 ladders 25 feet.
4 iron rakes, 1 sand screen.
3 pair of shears, 2 patent sod cutters.
60 feet of one inch gum hose, half keg of ten-penny nails.
1 block and tackle, 4 scythes and 9 sneads.
1 force pump, 5 tree forks, lot of lumber.
6 watering pots, 1 briar scythe.
4 garden reels, 2 cesspool hooks.
6 pair of double swingletrees, 1 hay knife.
2 pair of lead chains, 8 axes, 2 grindstones.
2 mauls and 4 wedges, 2 hand axes, 1 peck measure.
1 half bushel measure, 2 cross-cut saws, 12 hay forks.
6 flag collars, 6 curry combs and 6 brushes.
6 extra collars, 10 wheelbarrows.
10 small stone hammers, 8 buckets.
6 monkey wrenches, 4 crowbars.
1 handbarrow, 10 halters, 5 ice hooks.
19 mattocks, 20 rakes, 10 snow shovels.
10 horse blankets, 1 gum horse cover, lot of horse medicines
1 large stable lantern, 1 large lantern for front gate.
3 clocks, 1 cage, lot of carpenter's tools.
1 set of blacksmith's tools, 6 reflecting lanterns.

GARDENER'S DEPARTMENT.

2 pruning knives, 2 saws to trim trees.
2 pair of shears, 2 half-moon knives.

30 feet of gum hose, 2 hand sieves.
1 weeding hoe, 2 tree forks.
1 sickle, 1 grindstone.
1 box wheelbarrow.
1 twelve foot ladder, 1 sixteen foot ladder.

LIVE STOCK.

6 horses.
75 sheep.
200 deer.
1 Egyptian goose.
1 pair of China geese.
1 pair of swan geese.
1 pea fowl.
2 swans.
2 antelopes.

PARK RAILWAY

1 traction engine and 2 cars.
2 jackscrews.
3 oil cans, 4 lanterns.
2 sets of stocks and dies.
set of railroad tools.
lot of old castings and rails.

An Inventory of Property at Patterson Park, Oct. 31st, 1874.

1 watering cart.
1 cart, 1 horse roller.
1 hand roller, 3 plows.
2 horse lawn mower.
3 hand "
1 dirt scraper, 1 set of cart harness.
1 saddle and bridle, 2 sets of plow gears.
1 grindstone, four ladders.
6 scythes, 2 averuncators.
1 pair of pruning shears.
18 long handle shovels.
30 short " 30 worn out shovels.
10 spades, 30 picks.
12 mattocks.
6 iron snow shovels.
5 snow scrapers.
5 garden hoes.
4 Dutch hoes.
2 garden reels and lines.
400 feet gum hose.
6 watering pots, 3 saws.
3 bushel baskets, 2 hay forks.
3 manure forks, 2 digging forks.
3 edging knives, 2 horse buckets.
6 water buckets, 2 crowbars.
12 brooms, 12 iron rakes.
1 sledge hammer, 1 wooden maul.
2 wooden wedges, 6 hay rakes.
17 wheelbarrows, (good) a lot of wheelbarrows worn out.
23 music stools and stands.
1 sand screen, 1 lot of new lumber.

1 pump, 20 rustic benches, 2 rustic chairs.
246 benches, 1 key for fountain.
1 key for water pipes, 7 chairs.
4 stoves, 1 washstand, 1 mirror.

LIVE STOCK.

1 horse.
2 swans.
2 China geese.
6 wild geese.
1 Egyptian goose.
5 pea fowls.

SIXTEENTH ANNUAL REPORT

OF THE

Board of Fire Commissioners,

TO THE

MAYOR AND CITY COUNCIL

OF BALTIMORE,

For the Year ending October 31st, 1874.

Officers of the Fire Department.

Fire Commissioners, (Honorary:)

WILLIAM WILSON, Jr., President.

SAMUEL KIRK, Treasurer, JOHN T. MORRIS.
THOMAS W. CAMPBELL, JAMES A. BRUCE.

Chief Engineer.

HENRY SPILMAN.

Assistant Engineers.

GEO. W. ELLENDER, JOHN M. HENNICK.

Secretary and Clerk.

GEORGE A. CAMPBELL.

REPORT.

OFFICE BOARD OF FIRE COMMISSIONERS,
BALTIMORE, November 1st, 1874.

To the Honorable the Mayor and
City Council of Baltimore:

GENTLEMEN:—

Herewith the undersigned have the honor to present the Sixteenth Annual Report of the Baltimore City Fire Department.

During the past year the composition of the Board has been changed by the appointment of Messrs. William Wilson, Jr., John T. Morris and James A. Bruce, in place of Messrs. John S. Hogg, Edwin L. Jones and George F. Thompson, retired.

The condition of the Department is highly satisfactory, both as regards efficiency of apparatus and discipline of men, and we are thoroughly assured that when its comparatively small force is considered, few cities possess a Department more reliable, and none as economical in the cost of maintainance. To the general safe construction of our buildings, the width of our streets, the care of our citizens, as well as to the efficiency of the Fire Department, must be attributed the fact that the losses by fire in this city for more than five years past, have been per-capita. of the population less than one-half of that of any other large city in the Union. This immunity from loss

by fire is followed as a welcome consequence by an average rate of insurance unusually low.

For a detailed report of the character and working force of the Department, its operations, together with statistical information respecting fires, your attention is respectfully called to the Report of the Chief Engineer herewith transmitted.

Of the three new Engine Companies, recently authorized by your predecessors, one house has been completed and will be occupied by No. 11 Engine Company, on the first day of December, of this year; it is located on the south-east corner of Eastern Avenue and Gist street, and will supply a want long felt in that vicinity for greater protection from fire. The house for No. 12 Engine Company, on the south-east corner of Fort Avenue and Johnson street, is rapidly approaching completion, and will shortly be occupied by the Company, to be there located. The house to be built at the intersection of Fremont and Chatsworth streets, is not yet contracted for, but as it will be of sufficient dimensions to accommodate a Hook and Ladder Company, in addition to the Engine Company already provided for, we respectfully urge that authority be given to organize such a company, as of equal if not greater importance than an Engine Company in that far northwestern locality.

We beg to call the attention of your honorable body to a matter which we consider of vital importance, in the successful extinguishment of fires in many localities in our city, the utter insufficiency of many of the Water-mains in regard to capacity; we can show your honorable body a number of situations in which much valuable property is located, where more than two steam fire-engines cannot be supplied by the fire-plugs nearest thereto.

We beg to be allowed to reiterate the request for the control of the Fire Alarm Telegraph by this Board. As this is the right arm of this Department, and is as truly a part and parcel thereof as the horses which draw our engines, it seems to be only reasonable that it should be placed under similar control.

We further desire to call your attention to the pressing necessity for an intelligent and reliable building law. Rows of the most unsafe buildings are constantly being erected in various sections of the city, which are not only in open violation of the little law we have, but are a standing menace to the neighborhood in which they are situated. Absence of even a pretence of fire-walls, and coupled together for entire blocks, by the most flimsy wooden cornices; they are tinder boxes upon a large scale.

We are pleased to say that both in the number and extent of the fires which have occured during the past year, there is a marked diminution both as to number and loss, and when it is considered that our city is almost daily increasing in the number of its buildings, and the valuable nature of their contents, this immunity from serious losses by fire is especially gratifying.

The following shows the Appropriation and Receipts for the year ending October 31, 1874*:*

Amount appropriated by City Council for fiscal year, 1874	$145,019 76	
Amount of special appropriation, Resolution 408, approved October 20th, 1873, to replace Hose destroyed at Park street fire	6,070 87	
Total		$151,090 63
Amount drawn from City Register		141,070 87
Balance undrawn		$ 10,019 76

RECEIPTS FROM ALL SOURCES.

Balance October 31st, 1873	$ 1,635 62	
Stock on hand in Store Room, October 31st, 1873	975 56	
From City Register	141,070 87	
" Fines	666 31	
" Sale of Old Hose	297 50	
" " Horses	355 00	
" " Manure	180 00	
" " Old Material	117 25	
From all sources		$145,298 11
Expenditures		143,677 43
Balance		$ 1,620 68

Balance October 31st, 1874, viz:		
Cash	$710 32	
Stock in Store Room	910 36	
		$ 1,620 68

Expenditures for the year ending October 31st, 1874.

Salaries	$ 91,047 89
Apparatus	5,539 43
Apparatus Repairs and Alterations	9,201 27
Stationery, Printing and Advertising	509 95
Accidents	1,005 05
Feed	7,444 41
Furniture	821 87
Harness and Repairs	877 96
Horse Shoeing	1,016 38
Hose	10,170 28
Horses	2,232 05
Ground Rent	900 38
Gas	1,393 68
Medicine	49 11
Office Expenses (including pay of Janitor)	659 02
Water Rents	269 10
Washing	1,008 00
Bells	443 49
Fuel	1,426 23
Oils, Grease, &c	386 77
Special Appropriation, No. 408	6,070 87
Miscellaneous	1,204 24
Total	$143,677 43

Company Expenses for the year ending October 31, 1874.

Engine Company, No. 1	$11,971 63	
" " " 2	12,637 49	
" " " 3	10,028 44	
" " " 4	12,737 28	
" " " 5	10,143 68	
" " " 6	9,944 55	
" " " 7	10,155 36	
" " " 8	9,527 02	
" " " 9	9,481 48	
" " " 10	9,985 85	
Hook and Ladder Company, No. 1	9,050 77	
" " " " 2	8,330 25	
" " " " 3	7,255 72	
Reserve Apparatus	3,418 89	
		$134,668 41
Officers' Salaries, Repairs, &c.		6,958 90
Stationery, Printing and Advertising		509 95
Office Expenses		659 02
Miscellaneous		881 15
		$143,677 43

The amount of Appropriation required for the Expenses of the Department for the Fiscal year 1875, *is as follows:*

Salaries	$110,847 89
Apparatus	10,000 00
Apparatus Repairs	13,000 00
Stationery, Printing and Advertising	650 00
Accidents	1,800 00
Feed	9,305 41
Furniture	2,000 00
Harness and Repairs	1,200 00
Horse Shoeing	1,316 58
Hose	8,000 00
Horses	4,000 00
Ground Rents	1,250 00
Gas	1,510 00
Medicines	100 00
Office Expenses (including pay of Janitor)	700 00
Water	338 00
Washing	1,250 00
Bells	800 00
Fuel	1,827 00
Oils, Grease, &c	500 00
Miscellaneous	2,000 00
Total	$172,394 88

The following is a statement of the Appropriation and Expenditures on account of Special Appropriation, No. 388.

Amount appropriated for the building and equipment of three New Engine Companies as per resolution No. 388, approved July, 8th, 1873	$ 60,000 00	
Amount drawn from the City Register on account of above appropriation	22,286 77	
Balance in the hands of City Register on same account, which balance will have to be re-appropriated for the completion of the work commenced.	$37,713 23	
Amount of Expenditures on account of above		$22,286 77
Disbursed by Inspector of Buildings on account of houses	$14,094 77	
Disbursed by Fire Department on account of Apparatus and Furniture	8,192 00	
Total		$22,286 77

The increased estimate for the expenses of the Department for the coming year, is based upon a proportionate allowance for the expenses of the three additional companies authorized, including salaries and running expenses.

The foregoing estimate of expenses for the coming year is based upon the expenditures of the past year, and it will be found that while the cost of feeding each horse in the Department during the past year has been eleven dollars and eight cents per month; there was required for the preceding year the sum of eleven dollars and thirty-two cents. In this connection we beg to say that all the supplies necessary to keep the Department in a first class condition, are purchased by wholesale, thus saving the city the difference between that and the retail price.

In conclusion we beg to say that we desire to render to his Honor Mayor Vansant, your Honorable Body, also Mr. J. A. Robb, City Register, and Mr. John W. Colley, Inspector of Buildings, the thanks of the Board for a united effort to maintain the reputation of the Fire Department; and our acknowledgements are also due to the Police Board and officers under their charge, for valuable assistance rendered during alarms of fire; and last though not least, to the Insurance Salvage Corps, under supervision of Fire Inspector Charles T. Holloway, for its promptness in responding to fire alarms, and valuable service rendered thereat.

Respectfully Submitted,

WILLIAM WILSON, JR., *President*,
SAMUEL KIRK, *Treasurer*,
THOMAS W. CAMPBELL,
JOHN T. MORRIS,
JAMES A. BRUCE,
Board of Fire Commissioners.

TEST:

GEORGE A. CAMPBELL,
Secretary.

Chief Engineer's Report.

REPORT.

OFFICE OF CHIEF ENGINEER, B. C. F. D.
BALTIMORE, November 1st. 1874.

WILLIAM WILSON, JR., Esq.

President Board of Fire Commissioners:

SIR:—

Herewith I have the honor to submit my Report of the present condition and the operations of the Department under my charge for the year ending October 30th, 1874.

It gives me great pleasure to state that so far as discipline and the intelligent use of the equipment is concerned, it is all that the most exacting of our citizens can demand. Although much weaker numerically considered than that of any other city of corresponding importance in this country, it has so far been accorded a reputation for efficiency second to none, and promises under the intelligent care of your Honorable Board, to afford the citizens of Baltimore every protection from the ravages of fire which can possibly be expected of any Fire Department of similar strength.

Although thoroughly assured that with the facilities at our command, the present state of our Department, both in its equipment and in its operation at fires, is all that could be resonably required, yet I am compelled to say, that there are some features discernable in the Departments of other cities which, by their adoption, would, in my opinion, greatly im-

prove ours; all of these features have been heretofore urged by the Board and myself, upon the consideration of the City Council. That these features will ultimately prevail, I cannot doubt, and I only advert thereto in order to place myself squarely upon record.

First in importance, is the necessity for larger water mains. The introduction of the Gunpowder River, with even the Susquehanna in addition, will, with our present inadequate system of main and distributing pipes, avail but little for the extinguishment of fires. The new high service and the additional supply from the Gunpowder River, have largely increased the supply of water available for fire purposes; yet so very inadequate are the means in use for utilizing that supply; there are now many localities in the city where the supply should be the best, and yet where it is notoriously insufficient. It seems only reasonable that previous to the expenditure of millions of dollars to procure more water, a few thousands should be spent in giving the city the full benefit of the supply now in the lakes and reservoirs, and which is at least for most of the time running over the dams.

Next in importance, I beg to recall your attention to the suggestions made in the Board's Report of last year, relative to the establishment of a *full paid* Department. The arguments then used in favor thereof, and apparently so unanswerable, are being constantly strengthened by public opinion, and will eventually be adopted by the community. Why our present admirable Police Force should not be organized upon a similar basis of half-time, half-pay, half-control, and per consequence of half-availability, is a problem in the political economy of our city worthy of serious consideration.

I also beg to call your attention again to the importance of a Hook and Ladder Company, for the north-western section of

the city, and a Harbor Fire-boat for prompt harbor fire service. In the rapidly improving section of the city first alluded to, a Hook and Ladder Company is equally as necessary as an Engine Company. The only Hook and Ladder Company at present available in many portions of that section, being now stationed at least two miles therefrom.

In the portion of the city requiring a Harbor Fire-boat, there are stored immense stocks of coffee, sugar, cotton, &c., which can be better and more promptly protected by such a vessel, than could be done by any five of our steamers; and when it is considered that the giant railroad corporations having their terminii in this city, are building extensive elevators, warehouses and wharf property, to accommodate the rapidly increasing trade, it would appear to be eminently proper that our city should afford every reasonable facility for its safety from fire.

By authority of the Board, and in company with Commissioner T. W. Campbell, I attended the Second Annual Convocation of Chief Officers of Fire Departments in the United States, which met in the city of St. Louis, October 5th ultimo. The importance of such a convention can hardly be over estimated. About one hundred and twenty delegates were in attendance, representing that number of Fire Departments in the country. I can say with entire truth, that in the material of this convention, and in the thorough and earnest appreciation of the importance of the objects to be accomplished, few more successful conventions have ever assembled, and in this feature of success, there was incorporated an element which not only added dignity and importance to the assemblage, but created a bond of union just where such a bond has always been of vital importance—*a thorough and intimate understanding between those whose duty it is to extinguish fires, and those whose responsibility it is*

to make indemnity for the pecuniary loss incurred thereby. To the National Board of Underwriters, through its intelligent representatives in the convention, Messrs Hope and Hall of New York, the delegates to that convention, and the people of the country are deeply indebted for their cordial co-operation, and valuable suggestions in the consideration of matters which concern the lives and property of every individual in this country.

FORCE OF THE DEPARTMENT.

The apparatus of the Department consists at this time of ten regular Engines, and three reserve Engines, ten Hose Carriages, and ten Reserves, with 10,500 feet of reliable, and 8,700 feet of medium Hose, three Hook and Ladder Trucks, one reserve Truck and three Fuel Wagons.

The working force consists of 163 men and 56 horses.

A detailed statement of which together with the statistics of fires, will be found in the tables annexed marked A to M.

THE CASUALTIES HAVE BEEN AS FOLLOWS:

Engine Company, No. 1.—Fireman George W. Smith, had his ankle sprained, November 27th, 1873, at the Planing Mill Fire, corner of Eutaw and Cross Streets, off duty seven days: Substitute C. C. Klunk, was slightly injured in the mouth, May 27th, at the Hoop Pole Fire, on S. Eutaw street: Fireman Alexander Forrest, had his hand cut badly with glass, on May 26th, at the fire at Childs & Co's. Furnishing House, Charles street near Fayette, was not off duty: Fireman George N. Mackenheimer, had his hand badly cut with glass, on August 8th, at the fire in the Tea Store, on Lexington street near Paca, was not off duty.

ENGINE COMPANY, No. 2.—Fireman George D. Taylor, was off duty six days in November, from being injured at the fire at Public School, No. 13, October 27th, 1873: Assistant Engineman M. Lycett, was off duty for thirty-four days, in consequence of having one of his fingers cut off, whilst assisting at the Engine during the fire at Wilson's Planing Mill, S. Eutaw street, November 27th, 1873: Fireman Francis B. Slain, was overcome by the intense heat, and was off duty for two days, which was caused by the burning of Kraus' Meat Packing Establishment, on Barre street near Charles, August 17th, 1874: Fireman Benjamin T. Wirts, was injured July 3d, while responding to an alarm from box 29, and was off duty thirteen days; he was also injured in the knee cap, at the fire at Shaefer & Co's. Barrel Factory, Canton Avenue, August 29th, and was not able to do duty for thirty days.

ENGINE COMPANY, No. 3.—Substitute John Battee, was struck on the head by falling brick, at the fire at Becks Furniture Factory, Bond street, April 9th, was off duty two days: Fireman J. Adelman, had his eyes injured at Kimberly & Shaefer's fire, August 29th, off duty two days: Fireman W. H. Ward, injured in same manner, at same fire, off duty three days: Fireman R. Lindsey, injured in same manner, at same fire, off duty two days.

ENGINE COMPANY, No. 4.—The following members were injured by the breaking of a ladder at the burning of Magne & Co's. Cedar Cooper Shop, 418 W. Pratt street, March 21st: Fireman Samuel French, injured severely in the knee, off duty seventy-one days; Fireman James H. Walsh, internally, and in the knee, off duty sixteen days; Fireman James Allen, ankle slightly sprained, off duty ten days; Fireman John T. O'Halloran, thumb sprained, not off duty; Lewis Lindeman, knee sprained, off duty seven days; Engineman George W.

Griffin, was injured at the same fire, by being struck in the shoulder by the bursting of the air vessel on the engine: Fireman Joseph Farr, sprained his ankle at the burning of a shed in the rear of Stine & Co's. Tailoring Establishment, No. 74 W. Fayette street, August 26th, off duty ten days: Hostler John Wemsing, had his hand bruised while assisting the Engineman at his Engine, at the burning of the Theatre, known as the Baltimore Opera House, corner of Baltimore street and the Bridge, October 23d, still off duty on October 31st.

Engine Company, No. 6.—Fireman J. M. Ogle, of this Company, was injured March 2d, by the breaking of the axle of the Engine whilst returning from an alarm of fire from box 121, he had his hand mashed whilst assisting in raising the Engine, and was off duty eight days.

Engine Company, No. 8.—Hostler John Nooney, was disabled whilst exercising the horses, February 24th, and was off duty three days: Foreman George W. Krager, disabled at box 19, March 21st, and was off duty for four months: Fireman John Laracy, was disabled at box 23, March 28th, and off duty three days: Fireman A. J. Walter, disabled at box 79, August 8th, off duty one day: Fireman W. A. Marchant, disabled at box 136, October 13th, not reported for duty October 31st: Substitute George Daugherty, disabled at box 136, October 13th, off duty eight days.

Engine Company, No. 9.—Foreman F. D Kerr, was overcome by the heat, at the Fire on Greenmount Avenue, from Box 62, July 9th, and was off duty several days.

Engine Company, No. 10.—Hostler Jno. Kelly, was disabled at the fire on September 23d., from Box 75, and was off duty two days.

Hook and Ladder Company, No. 1.—Ladderman J. B. Keene, who was injured by the truck running over him whilst responding to an alarm of fire from Box 92, May 12th, 1873, caused by the burning of Ascension Church, and was off duty

ten months and eighteen days: Tillman E. Burke, was injured by being kicked by a horse during an alarm from Box 74, December 20th, 1873, and was off duty five days: Hostler J. E. Patterson, was injured by being knocked down and tread upon by one of his horses, during an alarm from Box 34, July 15th, 1874, and was off duty one month: Tillman E. Burke was overcome by heat and smoke at the fire at Schaefer's Cooper shop, on Eastern Avenue, Aug. 29th, and was off duty two days.

Hook and Ladder Company, No. 2.—Ladderman Charles L. Lilly, was injured at Box 7, January 25th, by being thrown down on a lot of glass, while removing a burning counter, by a stream of water, thereby cutting his hands badly, off duty seven days: Ladderman L. J. Rudolph, was injured while answering an alarm from Box 49, September 2d., by dislocating his toe, off duty five days: Hostler Thomas Montgomery, bruised his leg, whilst riding to an alarm of fire, and was off duty ten days.

Hook and Ladder Company, No. 3.—Substitute Jno. Lowrey was disabled at Box 24, caused by the burning of Becks Furniture Factory, Bond street, by having his foot mashed: Ladderman W. E. Vanrossen, was overcome by heat at Box 63 not off duty.

The gentlemen composing the Board will permit me to thank them for many tokens of their confidence and kindness, and Assistant Engineers Ellender and Hennick, and the officers and men under their command, will please accept my hearty acknowledgment of the promptness and efficiency with which the orders and rules of the Service have been carried out during the past year.

Respectfully submitted,

H. SPILMAN,

Chief Engineer.

TABLE A.

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1873.	Box.	Hour A. M.	Hour P.M	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Nov. Sunday 2	72	.....	4.10	92 Lexington street.	M. & K. Clark.	Dwelling and fancy trimming store.	.....	2	Two-story brick.	Al'm caused by smoke seen coming through the roof; cause, defective flue.
Satur'y 8	72	9.07	.....	S. W. cor. Clay and Park streets.	F. Kroeger.	Dwelling and shoe store.	.....	.....	Three-story brick	Alarm caused by the explosion of gas; No fire.
Monday 10	...	.....	1.30	236 n Gay street.	McLaughlin & Bro.	Dwelling and shoe store.	6	.....	Two-story brick.	Clothes press, containing clothing, destroyed; cause, defective flue. Extinguished by No. 6 Engine Co.
Tuesd'y 11	91	.....	5.30	Baltimore county.	Carswell & Sons.	Axle grease factory.	.....	.....	Two story brick and frame.	Entirely destroyed; accident.
Wedn'y 12	83	.....	9.45	21 n Wolf street.	George Kummell and others.	Dwelling and tailor shop	.....	3	Two-story brick.	Clothing in a cupboard destroyed; cause, defective flue.
Thurs'y 13	95	.....	4.25	688, 690 and 692 w Baltimore street.	P. Renner, S. Gault and Hy. Schafer.	Dwelling and milliner store Dwelling and notion store. Dwelling, lamp and oil store.	1, 4, 8, 10	1, 2,	Three-story brick	Fire originated in the lamp and oil store, and was caused by a coal oil lamp setting fire to some of the stock, and destroying the interior of

											the establishment, and damaging the upper story to a considerable extent. Nos. 688 and 692 partly damaged in the first and second story. Two persons burned about the face and hands; second alarm sounded at 4 35 p. m.
Satur'y	15	97	2.45	.....	295 Eastern ave.	J. A. Mood.	Dwelling and grocery store	5	3	Two-story brick.	Loss small; cause defective flue.
"	15	39	4.25	.....	Baltimore county.	Merritt & Co.	Coal oil distillery.	.....	.....	One-story brick & frame.	Explosion of an oil still.
Sunday	16	75	12.03	.....	Light st. nr. Heath.	B. C. P. Railway Co.	Stables and car house.	.....	.....	Two-story frame.	Straw in one of the stalls on fire.
Monday	17	9	8 35	.....	29 Franklin street.	A. Stirling, Sr.	Dwelling.	.....	.....	Three-story brick	Chimney and roof slightly damaged; cause, defective flue
Tuesd'y	18	2	.....	2.50	156 w Baltimore st.	Armstrong & Berry.	Book store.	.....	1, 2	Five-story brick.	Iron safe on the first floor with wooden lining on fire, caused by an overheated stove near the safe.
Friday	21	3	1.20	.....	In rear 15 Hanover street.	Private Watchman.	Watch box.	4	.....	Frame.	Caused by the explosion of a lamp, burning the watchman and destroying the box. The second story window of Turnbull & Co.'s warehouse, 13 German, partly burned.

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1873.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Monday 24	56	.....	10.35	44 Stockton street.	Unoccupied.	Dwelling.	.....	2	Two-story brick.	Fire in a partition in second story; burning through the roof cause, unknown.
" 24	78	.....	10.45	.....	.....	.....	.....	.....	.....	Box pulled for same fire.
" 24	...	.....	6.50	Barre nr Charles st.	W. Beatty.	Stable.	.....	.....	One-story frame.	Damage slight; extinguished by members of No. 2 Engine Co; cause, unknown
Thurs'y 27	29	2.29	.....	Cross and Eutaw sts	J. Wilson & Son.	Planing mill & sash factory.	1, 2, 3, 4, 6, 7, 8, 10	1, 2	Two and three-story brick.	Main building burned out; adjoining building partly burned; cause of fire unknown. Second alarm sounded at 2.28 a. m., and general alarm sounded at 2.30 a. m.
" 27	95	10.55	.....	206 Raborg street.	Mrs. Burns, col.	Dwelling & carpenter shop.	.....	.....	Two-story frame.	Damage slight; cause, defective flue.
Friday 29	71	.....	2.35	71 s Green street.	P. Kenney.	Stable.	1	2	Two-story brick.	Fire confined to a lot of straw; damage slight; cause, unknown.

Friday	29	26	.....	5.15	29 Brown street.	W. Grusscup.	House furnishing store and dwelling.	....	.....	Three-story brick	Caused by the throwing of a lighted match into an empty oil measure; setting fire to the wood work and partition; damage slight.
DEC.											
Tuesd'y	2	5	12.10	....	85 Harrison street.	Mrs. S. Fried.	Second-hand store.	.....	1	Three-story brick	Shed in the rear of building destroyed; loss small; cause, unknown.
Satur'y	6	16	.....	3.50	1 and 3 Orleans st.	Mrs. O'Brien and others.	Dwellings.	.....	1	Two story brick.	Fire originated in a wardrobe in No. 3, the second story of which was partly damaged, as were also the roofs of Nos. 1 and 3; cause, unknown.
Friday	12	28	2.03	.....	n. w. cor. Baltimore and Calvert sts.	Clotworthy & Howe. E. A. Maull. Va. & Tenn. R R. Co. Armstrong & Berry. R. Brown & Son. L. A. Kreikle.	Theatre. Tobacco and cigar store. Ticket office. Book store. Jewelry store. Saloon.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	1, 2, 3	Five-story brick.	Occupied as stores on first floor, and as a theatre "New American Variety" on the second, third, fourth and fifth stories. The building above the second floor was burned out the lower story badly damaged by water. Building No. 6 n Calvert, occupied by Johnson & King as a saloon, badly damaged by

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1873.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
										water, also slightly burned on the roof; cause of the fire unknown. General alarm sounded at 2 11 a.m.
Monday 15	14	.....	4.50	160 w Fayette st.	W. O. Gill.	Dwelling.	.....	2	Three-story brick	Caused by the explosion of gas in the parlor. Furniture, pictures, &c., damaged.
" 15	8	.....	5.00	28½ w Pratt street.	R. Patterson.	Cigar store.	.....	.....	Three-story brick	Caused by the explosion of a coal oil lamp. Damage sl'gt
Satur'y 20	74	.....	10.05	Chappell street, s of Chase.	J. Williams. Two unoccupied.	Dwellings.	6, 9	1	Two-story brick.	Three buildings. The roof and second story of the occupied house destroyed. The roofs of the unoccupied houses slightly damaged; cause, carelessness.
Wedn'y 24	24	.....	12.25	94 s Spring street.	E. Johnson and others.	Dwelling.	.....	.....	Two-story brick.	Bedding destroyed. Two colored children burned one died; accident.

Thurs'y	25	2	.....	5.55	N w cor Baltimore and North streets	J. R. Edwards and others.	Book - bindery printing office & offices.	4	1, 2	Five-story brick.	Fire in the printing office on the fourth floor; damage slight Combustion of paper and rags.
Friday	26	97	8.55	.....	224, 226 s Durham street.	A. Jesserp and others.	Dwellings.	.....	.....	Two-story frame.	Damage slight; caused by an overheated stove near wooden partition on first floor between two houses.
JAN. 1874.											
Thurs'y	1	76	.....	12.05	Baltimore county.	J. H. Birkhead.	Barn.	.....	.....	Two-story stone.	Barn and contents destroyed; cause, unknown.
Tuesd'y	13	138	4.05	.....	114 w Baltimore st.	John Williams & others.	Book - bindery and printing office.	4	1	Three-story brick	Fire on first floor in the rear; paper stock &c destroyed; cause spontaneous combustion.
Thurs'y	15	38	.....	5.20	153 St. Paul street.	G. D. Clark.	Dwelling.	.....	.....	Four-story brick.	Foul chimney; no damage
Friday	16	92	11.20	.....	S w cor Townsend and Republican streets	J. W. Flack.	Dwelling.	.....	.....	Three-story brick	Smoke from greenwood in furnace; no damage.
"	16	9	.....	3.15	40 w Franklin st.	Mrs. Hoffman.	Dwelling.	.....	.....	Three-story brick	Foul chimney; no damage.
Sunday	18	19	.....	8.05	408 w Pratt street.	H. Magne.	Cedar ware dry house.	1, 2, 4, 8, 10	1, 2	One-story brick.	Two rooms burned out; contents destroyed; caused by material taking fire from furnace used for drying wood; second alarm sounded at 8.35 p. m.

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Thurs'y 22	6	.....	8.10	62 and 64 Hanover street.	G. Thater. J. R. Eneg. Hellings & Co.	Glassware, oils, lamps. Boot and shoe factory. Shoe store.	1, 2, 3, 4	1, 2	Three-story brick	Fire originated in the glassware and oil store on the first floor, which was burned out, it extended up through the skylight to the roof, which was burned off, it then communicated to the house adjoining on the north side, No. 62, occupied by J. R. Eneg, Hellings & Co., the roof of which was burned off, a great deal of damage by fire and water; cause of fire unknown.
" 22	24	5 50	.....	Williams' court.	George Welch.	Stable.	.....	.....	One-story frame.	Explosion of a gasoline lamp; damage slight.
Friday 23	87	.....	5.10	316 Forrest street.	H. Gracy.	Dwelling.	.....	.....	Two-story brick.	Chimney.

Satur'y	24	82	11.10	.....	Aliceanna & Caroline streets.	Stinson & Bro.	Hub factory.	.....	1	Two-story brick.	Slight fire on the roof, caused by a defective flue.
Sunday	25	7	2.10	.....	22 n Howard street.	L. Senft & Co.	Drug store.	1, 2	1, 2	Three-story brick	Fire commenced in the cellar and burned through the first floor into the store; goods damaged by heat and smoke; cause, unknown.
FEB.											
Sunday	1	71	.....	6.15	314 w Pratt street.	R. Leides.	Store & dwelling.	.....	2	Three story brick	The fire orignated in a cupboard in the second story, burning the cupboard and part of the stairway.
Thurs'y	5	29	.....	11.05	Ohio ave nr Henrietta street.	J. C. Texter & Bro.	Hoop pole storage house.	1, 2, 10	2	One-story frame.	Supposed to have caught from sparks from a passing locomotive; roof burned off, stock badly damaged.
Satur'y	7	141	5.10	.....	Fayette and Castle streets.	P. Gordon and others.	Stores & dwellings.	3	3	Two-story brick.	Fire in second story; cause, defective flue.
"	7	63	7.40	.....	Chase's wharf.	Capt. Holey.	Canal boat.	.....	3	.....	Slight fire from overheated stove near woodwork
Tuesd'y	10	42	2.40	.....	35 Block street.	Charles Spence.	Dwelling and restaurant.	3, 5	3	Two-story frame.	House damaged badly; cause, unknown.
Friday	13	54	.....	9.45	11 Burke street.	Samuel Brooks.	Can factory.	.....	3	Three story brick	Slight fire in second story from tinners' fire pot.
Satur'y	14	17	.....	6.55	71 Orchard street.	Colored family.	Dwelling.	.....	.....	Two-story brick and attic.	Foul chimney, no damage.

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Sunday 22	34	1.15	.....	210 e Monument st	Robinson & Bro.	Shoe and junk store.	6, 9	1	Two-story brick.	Stock badly damaged; store slightly; cause, unknown.
Monday 23	141	12.55	.....	2 Castle street.	J. Landman.	Dwelling.	.....	3	Two-story brick.	Slight fire on the roof from a defective flue
" 23	15	.....	8.25	76 Hillen street.	R. Gent.	Flour and feed store.	6	1	Three-story brick	Stock damaged; store slightly; caused by the careless use of a candle.
Tuesd'y 24	69	9.20	.....	Cross nr Covington street.	Geo. Rossmark.	Brewery.	2	2	One story frame.	Roof of a frame shed damaged from careless construction of a furnace near the woodwork.
" 24	34	.....	12.35	Eden nr Monument streets.	Wurtzberger & Haas.	Stables.	3, 4, 6, 9	1, 3	Two-story frame and brick.	Stable entirely destroyed; cattle burned; fire communicated to dwelling 197 Eden st., occupied by John Glenn; also, to No. 195, occupied by D. Barber, the roofs of which were burned; also to property in the rear on Spring

										street, No. 114, partly burned; also, two story and attic dwelling, No 112, same street, slightly burned; also, packing house of J. H. Seebold, No. 241 to 247 Monument st., slightly damaged; also, Chas. Raubo's morocco tannery, 239 Monument st., slightly burned; loss in general heavy; cause, unknown; second alarm sounded at 12.45 o'clock p. m.
Tuesd'y	24	48	.....	6.45	144 Pearl street.	T. Malone & Co.	Glass and china store and dwelling.	1	2	Three-story brick	Fire in cellar amongst lot straw and boxes; damage slight; cause unknown
Wedn'y	25	1	5.20	.....	67 Frederick street.	L. Goodman.	Second hand store and dwelling.	.....	1	Three-story brick	Slight fire in second story from defective flue.
"	25	94	7.30	.....	Eden st. and Canton avenue.	Robert Reed.	Coal oil refinery.	2, 3, 4, 5, 6	1, 3	Brick and frame.	Fire was caused by the explosi n of a coal oil still; refinery entirely destroyed; the cooper shop of Kimball & Schaefer adjoining was badly damaged in the rear; second alarm sounded at 7.40 o'clock a. m; one of the work-

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. Co. in Service.	Style of Buildings.	Remarks.
										men belonging to the refinery badly burned.
Wedn'y 25	82	.....	10.55	Lancaster and Dallas street.	H. C. Larrabee.	Iron foundry.	3, 5	1, 3	Two-story brick.	Roof of foundry destroyed; also, some wooden sheds; machinery badly damaged; loss heavy; cause, accident from cupola second alarm sounded at 11.15 p. m.
Thurs'y 26	15	10.40	.....	134 and 136 n High street.	Messrs. McWilliams & Ijams.	Dwellings.	6	1	Two-story brick and attic.	Roofs of both houses damaged; cause, defective flue.
" 26	16	.....	9.45	Jackson street and Central avenue.	A. Snyder.	Provision store and dwelling	6	1	Two story brick.	Explosion of a coal oil can; stock in store badly damaged; house slightly.
March.										
Sunday 1	24	.....	1.55	52 Spring Row.	Wm. McWilliams	Dwelling.	.....	.....	Three-story brick	Wooden mantle piece caught from an overheated stove; damage slight.
Monday 2	121	.....	10.15	False.	.....	.....	.....	.....	.....	False alarm sounded by some unknown party.

Wedn'y	4	37	.....	7.20	False.	.....	.....	.....	.....	.....	False alarm sounded by some unknown party.
Thurs'y	5	68	11.10	....	106 Granby street.	Morse & Co.	Can factory.	.....	.....	Three-story brick	Caused by a kettle of pitch boiling over in the yard; no damage, it being used by parties gravelling the roof.
Tuesd'y	10	48	.....	2.40	N e cor Chatsworth and Saratoga sts.	R. Lincoln and Mrs. Wall.	Bakery and board'g house.	.....	.....	Two story brick.	Fire in a cupboard in second story; damage slight; caused by children playing with matches.
Thurs'y	12	13	.....	12.08	Rear of 35 Barre st.	H. C. McComas.	Stable.	2	2	Two-story brick.	Portion of the shingle roof burned; damage slight; caused by sparks from a chimney.
"	12	86	.....	1.55	4 Division street.	Snyder & Bro.	Pork packing establishment.	.....	.....	Three-story brick	Part of a shingle roof burned; damage slight; caused by sparks from a chimney.
Satur'y	14	64	.....	8.15	698 w Saratoga st.	G. G. Hammond.	Dwelling.	8	2	Three-story brick	Two story brick back building in the rear; a partition and part of the roof burned off; damage slight; cause unknown.
"	14	34	.....	10.25	210 e Eager street.	A. Breneich.	Bakery and dwelling.	.....	.....	Three-story brick	Slight fire in the cellar; cause unknown.
"	21	19	.....	11.45	408 and 410 w Pratt street.	H. Magne.	Cedar ware factory.	1, 2, 3, 4, 6, 7, 8, 10	1, 2	Three-story brick	Fire originated in the rear buildings, doing considerable damage to buildings and machinery;

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A. M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
										cause unknown; one of the ladders belonging No. 1, H. and L. Co. broke, whilst No. 4 En. Co. were upon it, injuring several of the members of that Co. second alarm sounded at 11.55 P. M., Engine Co's. Nos. 3, 6, 7 called at 12 o'clock P. M.
Wedn'y 18	4	9.50	.....	20 Second street.	M. Heyn. J. Leonard.	Tailor shop. Restaurant. Offices.	3, 4,	1, 3	Three-story brick	Fire on the roof, communicating to adjoining roof, No. 18, occupied by Messrs. Hugh Jenkins & Co. Jas. Corner's, Sons. and others, as offices; damage slight; caused by sparks from a chimney.
Monday 23	54	.....	2.30	401 Canton avenue.	Geo. Whicht.	Variety store & dwelling.	5	3	Three-story brick	Slight fire on the roof; caused by sparks from a chimney.

Tuesd'y 24	82	.....	9.40	177 Aliceanna street	Mrs. Burns.	Dwelling.	5	3	Two-story brick	Slight fire on the roof; caused by sparks from a chimney.
" 24	12	.....	9.05	27 Watson street.	Unoccupied.	Dwellings.	3, 6	1	Two-story frame.	Badly damaged; caused by an incendiary.
" 24	39	.....	10.05	Mowell's furnace.	P. W. & B. R. R. Co.	.....	5	3	.....	Slight fire amongst a pile of cross-ties; caused by sparks from a locomotive.
Wedn'y 25	84	.....	11.25	Mount Clare.	B. & O. R. R. Co.	Engine houses 10 and 11.	8	2	One-story buildings.	Damage by fire slight; caused by ignition of greasy waste near a stove.
Friday 27	69 23	.....	8.00	Cross street nr Covington.	P. S. & F. W. Chappell.	Acid and phosphate works.	1, 2, 3, 4, 5, 6, 7, 8, 10	1, 2, 3	Three and five stories.	Five buildings burned and contents destroyed; caused by sparks from Ellicott's Furnace, near the works, setting fire to one of the frame buildings; the fire lasted about six hours; second alarm sounded at 8.10 o'clock P. M., and general alarm sounded at 8.15 o'clock P. M.
Monday 30	7	.....	4.25	Gillingham alley nr Lombard street.	Rheim & Kloman	Bl'ksmith shop	2	2	Three-story brick	Roof burned off; fire caused by sparks from an Iron Foundry; loss small.
APRIL.										
Thurs'y 2	48	5.20	.....	N w cor Pearl and Lexington streets	Edmonds & Bro.	Grocery and liquor store & dwelling.	1	2	Three-story brick	First and second stories as a store; third story as a public hall, rest of building as a dwelling; the

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

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										fire originated in the rear portion of the store on first floor, and was confined thereto; damage slight; cause unknown.
Satur'y 11	125	1.45	.....	Fort avenue.	D. Reese & Son.	Kiln for burning charcoal.	10	2	One-story brick.	The kiln contained fifty cords of wood; fire caused by top of kiln falling in; damage slight.
Monday 13	43	4.45	.....	302 w Fayette st.	A. Hartmyer and J. Obendorff.	Dwelling.	.....	2	Three-story brick	Fire on first floor; caused by an overheated stove setting fire to a wooden mantle; damage slight.
" 13	17	5.15	.....	115 n Eutaw street.	R. Deitz.	Dwelling and grocery store	1, 7	2	Two-story brick and attic.	The fire was confined to the first floor and cellar; caused by parlor matches laying loose on the floor; damage slight.

Monday 13	14	.....	7.45	S e cor Lexington and Eutaw sts.	Cline & Harburger.	Picture frame factory and dry goods store.	.....	.....	Four-story brick.	Caused by a bright light being seen in fourth story, which, upon examination, proved to be a lamp left burning.
" 14	95	2.15	.....	Baltimore street, nr Schroeder.	M. Perine & Son.	Pottery.	.....	.....	Two-story brick and frame.	Alarm caused by a newly appointed policeman seeing the smoke and flame from the pottery chimney.
" 14	74	.....	1.30	529 n Gay street.	G. Baker.	Dwelling.	.....	.....	Three-story brick	Chimney on fire; no damage
Monday 20	72	.....	7.15	34 Park street.	Mrs. Reibert.	Shoe store and dwelling.	.....	.....	Three-story brick	Fire in a cupboard from a defective flue; damage slight.
" 20	63	.....	11.15	269 s Ann street.	Mr. Hines.	Dwelling.	.....	.....	Three-story brick	Bed on fire, caused by the explosion of a coal oil lamp.
Tuesd'y 21	129	.....	2.31	412 e Monument street.	Mrs. Merryman.	Dwelling.	.....	.....	Two-story and attic.	Bed on fire, caused by children playing with matches.
Thurs'y 23	15	.....	10.30	153 Forrest street.	Myers & Mooney	Grocery store.	6	1	Three-story brick	A quantity of soap boxes in the cellar on fire; cause unknown; damage slight.
Friday 24	17	.....	2.50	167, 169 and 171 n Howard street.	A. H. Mann.	Livery stable.	1, 4, 7, 8, 10	1, 2	Two-story brick.	The fire originated and was confined to the second story of the north wing of the building, which contained a large quantity of hay and straw; several very valuable horses were

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
										suffocated by the intense heat and smoke which prevailed; cause unknown; second alarm sounded at 3.03 o'clock.
May.										
Sunday 3	37	....	3.50	Charles street ave. Union Depot.	Pullman Co.	Palace car.	.....	2	.....	Woodwork of the car destroyed.
Monday 4	35	.....	5.15	23 Rose street.	Geo. Washington colored.	Dwelling.	7	2	Two-story brick and attic.	Bed on fire, caused by children playing with matches.
Thurs'y 7	39	9.15	....	Highlandtown, Baltimore county.	Paul Gable.	Smoke house.	....	3	Two-story brick.	Caused by meat falling in the fire.
Satur'y 9	93	6.30	.....	Chester street, near Monument.	F. Wagner.	Smoke house.	9	3	Two-story brick.	Caused by meat falling in the fire.
" 9	24	.....	7.25	Hampstead and Bethel streets.	Beck & Bolte.	Furniture factory.	2, 3, 4, 5, 6, 9	1, 3	Five-story brick.	Building and contents entirely destroyed, the wall on the west side fell and crushed in a part of the roof of the Methodist Church South fronting on Bond street; several surrounding buildings slightly
					Hooper & Barkley.	Kindling wood factory.				
					Bartlett & Pomeroy.	Mattress factory.				
					M. Kahn.	Spoon factory.				

										damaged; fire supposed to have been caused by the heat from the boiler, setting fire to the lumber piled about it to dry; second alarm sounded at 7.35 p. m.; engines called, Nos. 2, 4, and 7, at 7.50 o'clock.
Satur'y	9	67	.....	8.20	221 Mulliken st.	J. Hayward.	Dwelling.	.....	.....	Three story brick	Damage slight; caused by sparks from the above fire.
Monday	11	23	7.30	.....	Rear of Federal Hill.	Fardy & Bro.	Ship yard.	.....	2	.....	Burning of a one-story shed (frame) and a two story brick building; caused by the boiling over of a tar kettle.
"	11	8	.....	2.40	97 McElderry's wharf.	Miskimmons & Kesler. Bandle & Bro.	Junk shop. Block makers.	2, 4, 6	1, 3	Three story brick	Roof burned off; caused by sparks from a chimney; second alarm sounded at 2.50 o'clock.
"	11	137	.....	3.10	Sextonville, B. C.	.....	Frame buildings	.....	.....	Two-story	The apparatus went to the city limits and returned.
Satur'y	16	9	1.55	.....	73 Saratoga street.	W. Jackson.	Boot and shoe store.	7,	2	One-story brick.	Stock and shelving damaged; cause, unknown.
"	23	35	.....	5.30	Richmond Market.	J. C. Long.	Butcher's stall.	.....	.....	.....	Camphene lamp explosion.
Monday	25	34	1.15	.....	310 N. Gay street.	W. L. Stone.	Restaurant and club room.	6, 9	1	Two-story brick.	Back roof burned off; cause, unknown.

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1873.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Monday 25	28	.....	8.50	20 N. Charles st.	S. Childs & Co.	House Furnishing Goods.	1, 2, 3, 4, 6, 7	1, 2	Three-story brick.	The fire commenced in the cellar which was stored full of boxes, barrels and loose hay, it burned up through the hatchway to the roof on the back building (one story) cause, unknown; damage heavy; second alarm sounded ed at 9 45 o'clock: engines 2 and 7 called at 10.20 o'clock.
Thurs'y 26	79	11.50	.....	48 Whatcoat street.	Mrs. H. Mason.	Dwelling.	.....	.....	Two-story brick.	Second story burned.
Wedn'y 27	29	.....	8.45	Eutaw st. nr Cross.	J. C. Texter & Co.	Hoop pole yard	1, 2, 4, 7, 8, 9, 10.	1, 2, 3	One-story frame shed.	The shed stored with hoop poles and staves; partly destroyed; stock badly damaged by fire and water; loss heavy; department at work about twelve hours; supposed incendiary; second alarm

										sounded at 9.20 o'clock p. m.; engines 8 and 9 and hook and ladder 3 called at 4 o'clock a. m. next morning.
Satur'y	30	5	12.20	.....	25 n Gay street.	Magne & Chipman.	Chair factory.	3, 4, 6	1	Five-story brick.	Fire on the third floor; building and stock badly damaged; cause, spontaneous combustion.
"	30	2	.....	7.50	30 Light street, nr Lombard.	Yerby & Co. Heslop & Co.	Candy manufacturers. Sauce manufacturers.	2, 3, 4, 6	1, 2	Four-story brick.	Second and third floor burned out, fire commenced on second floor; cause, unknown; second alarm sounded at 8.05 o'clock, No. 5 engine called at 8.10 o'clock.
"	30	13	.....	9.15	260 s Charles street.	John Nevicher.	Dwelling.	.....	.....	Two-story brick and attic.	Cupboard and contents in second story destroyed; caused by a child setting fire to clothes with a lamp.
JUNE.											
Thurs'y	2	121	1.50	.....	222 n Central ave.	P. Weiskeman.	Dwelling and cabinet m'krs shop.	6, 9	3	Three-story brick	Back building and stock damaged; cause, unknown.
Friday	12	59	12.10	.....	Uhler's alley, near Charles street.	J. H. Short and others.	Saw mill. Glass cutting shop. Brush factory.	1, 2, 3, 4, 6, 7, 8, 9	1, 2	Three-story brick	Third-story considerably damaged; cause unknown; stock and building damaged; gen'l alarm sounded at 12.18 o'clock p. m.

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A. M.	Hour P.M	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Wedn'y 17	78	.....	8.05	13 Patterson ave.	R. Manchow.	Baker shop and dwelling.	.....	.....	Three-story brick	Caused by a boy falling down the third story stairs with a lighted gasoline lamp, breaking it, thereby causing the fire; damage slight.
Thurs'y 25	78	.....	9.10	Baltimore county.	....	Frame dwelli'g	.....	.....	.....	Frame building on the Liberty road burned down.
Monday 29	72	1.15	.....	Sharp street alley.	.....	....	.....	.....	.....	Caused by a policeman seeing smoke in Sharp st. alley.
" 29	19	10.45	.....	281 w Lombard st.	Chas. Weatherby.	Dwelling.	....	.....	Three story brick	Chimney; damage slight.
July. Friday 3	29	10.50	.....	Russell street.	Baker & Bro.	Wood yard.	.....	.....	.....	Pile of wood burned by hot ashes being dumped against a fence.
Sunday 5	48	.....	4.10	109 Sarah Ann st.	E. Gaigh.	Dwelling.	.....	.....	Two-story and attic.	Clothing and furniture destroyed; cause unknown.
Tuesd'y 7	95	.....	11.20	657 w Baltimore st.	J. G. Johnson. D. Bachrach.	Photograph gallery.	8, 10	2	Three-story brick	Fire originated on the second floor in the Photograph Gallery, which was badly

										burned; cause unknown.
Thurs'y	9	62	.....	2.40	Greenmount ave. and McKim st., near Madison.	James Flanigan, Henry Voesteg and others.	Dwellings, stables, &c.	3, 4, 6, 9	1, 2	Two three-story brick and frame	The stables were occupied by David Perkins colored, Mr Flanigan and Henry Cole; the dwellings by Henry Voesteg and James Flannigan; the stables were burned down, the dwellings slightly burned on the roof, which were all shingle; cause unknown; second alarm sounded at 2 53 o'clock P. M.
Sunday	12	12	.....	8.05	99 Watson street.	L. Kroegen.	Grocery store & dwelling.	3	1	Two story frame.	Damage slight; cause unknown.
Wedn'y	15	34	.....	10.50	364 n Gay street.	H. Michael.	Dwelling.	.....	.....	Three-story brick	Coal oil lamp explosion; damage slight.
Friday	17	24	1.20	....	203 e Baltimore st.	Mrs. May.	Human hair store, dwelling.	.....	.....	Three story brick	Damage slight; cause unknown
Satur'y	25	14	12.30	....	33 n Paca street.	.....	Dwelling.	.....	2	Three-story brick	Cause, defective flue; damage slight.
Tuesd'y	28	63	2.50	.....	100 Fell street.	W. Bertzloff.	Restaurant and dwelling.	3, 5	3	Two three-story bricks.	Back building of one burned, also the roof of the other; cause unknown.
"	28	24	3.20	.....	Fayette and Spring streets.	John Stumfelse.	Dwelling and bakery.	4, 6	1	Two-story brick.	Caused by heat from the bake oven; damage slight.
Wedn'y	29	2	.....	10.45	Test.	.....	.....	.....	.....	.....	Test by President of the Board.
"	29	58	.....	9.20	Gay street extended	J. H. Vonderhorst	Brewery.	....	.....	.....	Explosion of gasoline; damage slight.

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A.M.	Hour P M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Friday 31	82	1.25	.....	Eden st. and Eastern avenue.	J. Halstead & Son	Bark mill.	.....	.....	.....	Caused by the friction of the belting setting fire to shavings and wood dust; damage slight.
Aug.										
Wedn'y 5	39	.....	4.25	Rear of 221 Boston, and 159 Chesapeake street.	O. Malone. M. Magers.	Stable and dwelling.	3, 5	3	Frame.	Five one story frame sheds destroyed; cause unknown.
Friday 7	79	.....	11.20	S e cor Gilmor and Presstman sts.	Unoccupied.	Dwelling.	8, 10	2	Three story brick	Owned by Mr. Samuel Winters; burned out, and walls thrown down; cause unknown.
Satur'y 8	14	1.40	.....	194 Lexington st.	J. L. Herbert and others.	Tea store and dwelling.	1	2	Three-story brick	Upper story burned; cause unknown.
" 8	91	8.00	.....	Harford road.	A. Quantz.	Smoke house.	....	.....	.....	Caused by saw dust setting fire to the meat; damage slight.
Monday 17	13 6	.....	12.25	39 and 41 Barre st.	C. Kraus & Co.	Pork packing establishm'nt	1, 2, 3, 4, 7, 8 10	1, 2	Three-story brick	The fire was confined to the third story, where it originated, which was badly burned; cause unknown; second alarm sounded.

Tuesd'y 18	58	9.50	.....	Washington street extended.	Thomas Shanks.	Stable and barn	.....	.....	Three-story brick	Building destroyed cause unknown.
Wedn'y 19	72	4.15	.....	100 n Howard st.	J. E. Carr.	Shoe store and dwelling.	.....	.....	Three-story brick	Fire in a cupboard under the stairway; cause unknown.
" 19	81	6.20	.....	Dolphin street near Eutaw.	G. Zimmerman.	Carpenter shop and unoccupied dwelling	7, 8	2	Three-story brick	Carpenter shop owned by Mr. Zimmerman, burned out, the dwelling in course of erection was slightly damaged; cause unknown.
" 26	28	.....	8.14	174 w Fayette st.	J. Stine & Son.	Merchant tailoring establishment.	4	1	Three-story brick	One story shed in rear burned; cause unknown.
Friday 28	16	.....	9.25	54 Orleans street.	J. Greenbaum.	Dwelling.	.....	.....	Three-story brick	Caused by a candle setting fire to wood work; damage slight
Satur'y 29	82	5.00	.....	Canton avenue and Eden street.	Kimball, Schaefer and others.	Cooper shop & dwellings.	2, 3, 4, 5, 7, 9	1, 3	Two and three-story brick.	The fire commenced in the cooper shop, which was badly damaged, it extended to the back buildings of several houses on Spring street and Canton Avenue, damaging the roofs; second alarm sounded at 5.10 o'clock, engines 2 and 7 called at 5.13 A. M.
SEPT.										
Tuesd'y 1	54	.....	10.00	S e cor Chester and Canton avenue.	I. A Sheppard & Co.	Iron hollow ware foundry	3, 5, 6, 9	1, 3	.....	One-story building attached to the foundry used for storing flasks; also, a

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
										stable; burned out; cause, unknown; second alarm sounded at 10.12 p. m.
Wedn'y 2	49	.....	2.15	Pratt st. extended.	J. Seeger.	Beer brewery.	8, 10	2	.....	Two-story brick stable in the rear burned; damage slight; cause, unknown; second alarm sounded through mistake by a policeman.
Monday 7	86	.....	10.40	39 Oxford street.	Rebecca Woods.	Dwelling.	.....	2	Three-story brick	Defective flue.
" 7	47	.....	4.30	7 and 8 Cuba street, Locust Point.	James Kennedy.	Stables.	2	3	One-story frame.	Stables burned out; damage slight.
Friday 18	93	2.30	.....	Jefferson street extended.	Alexander Blair.	Fruit packing house.	.....	.....	Two-story frame.	Building destroy caused from a tinners fire pot; No. s men in service wi h buckets.
Monday 21	38	4.50	.....	North street near Eager.	Newbold & Son.	Coal oil distillery.	4, 6	1	Two-story brick.	Caused by explosion of a still; roof of shed destroyed.
" 21	8	9.10	.....	30 w Pratt street.	Goodman & Co.	Clothing store and dwelling	.....	.....	Three-story brick	Defective flue; slight damage.

Wedn'y	23	75	12.30	.....	Light street beyond Heath.	A. Bush.	Dwelling, unoccupied.	2	2	Two-story frame.	Damage slight; adjoining house slightly damaged on the roof supposed incendiary.
"	23	7	.....	3.25	7 n Howard street.	W. A. Magraw & Co.	Brush factory.	.....	2	Three-story brick	Portion of the roof damaged; caused by a defective flue.
Thurs'y	24	63 42	.....	1.25	34 Thames street.	George Mohr.	Bakery and dwelling.	3, 5, 9	1, 3	Two-story brick.	Roof and attic damaged; cause, overheated stove.
Satur'y	26	8	6.30	.....	Baltimore City Marsh Market.	.....	Market house.	2, 3, 4, 6, 9	1, 2, 3	One-story frame and brick.	Roof burned from Pratt to Lombard street; caused by an overheated cooking stove; second alarm sounded.
"	26	96	.....	11.15	Welcome alley near Warner street.	H. Shamburg.	Stables.	10	2	Two-story brick.	Cause unknown; damage slight.
"	26	7	.....	3.05	4[illegible]s Sharp street.	Thomas Shanks.	Sewing mach. factory.	1, 2	1, 2	Three-story brick	Roof of a two-story brick building in the rear burned; caused by heat from smoke stack.
Monday	28	136	3.25	....	24 e Fayette street.	A. Strebb.	Bakery and dwelling.	3, 6	1	Two-story brick.	Roof in the rear burned; cause, sparks from chimney.
"	28	142	.....	8.30	469 w Baltimore st.	L. Clark and others.	Picture frame store and dwelling.	1, 10	2	Three-story brick	Originated in the store and confined there; stock destroyed; no damage to dwelling.
Oct.											
Sunday	4	61	7.45	.....	Edmondson avenue and Gilmor st.	Harlem Lodge.	Inebriate Asylum.	.....	2	Three-story brick	Fire on the roof; damage slight.
Wedn'y	7	8	9.55	.....	East Falls ave. and Pratt street.	Granite Company	Slate roofing Company.	3, 4, 6	1, 3	Two-story brick	Stock and building badly damaged; caused by overboiling of a tar pot.

TABLE A—*Continued.*

Record of Fires and Alarms for the year ending October 31, 1874.

Date. 1874.	Box.	Hour A.M.	Hour P.M.	Locality.	Occupant.	How Occupied.	Engines in Service.	H. & L. in Service.	Style of Buildings.	Remarks.
Friday 9	39	.....	1.20	East side avenue & Ellicott st., Baltimore county.	Brooks & Co.	Chemical w'rks	.....	3	.....	Old refuse outside on a lot; set on fire by children; no damage
Tuesd'y 13	136	1.30	.....	Baltimore st. bridge	Kernan Bros and others.	Opera House, dry goods stores, &c.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	1, 2, 3	Three-story brick	The Opera House was completely burned out, the stores of E. Nellinger, J. Weistopt and others badly damaged; the fire lasted about six h'rs and burned very fiercely; it originated in the kitchen of the restaurant of the Opera House; second alarm sounded at 1.35 o'clock; general alarm sounded at 1.38 o'clock.
" 13	25	6.02	.....	134 Orleans street.	F. J. Romey.	Organ factory.	6, 9	2, 3	Three-story brick	Building badly damaged; cause, unknown.
Sunday 18	5	11.40	.....	5 Market Space.	James Coll.	Restaurant, cigar store and dwelling.	.....	.....	Two-story frame.	No fire; cause of the alarm, back draft in the chimney filling house with smoke.

Monday	19	28	2.35	.....	No. Bank Lane.	Emerich & Co.	Restaurant.	4	1	Two story brick.	Supposed incendiary damage slight.
Wedn'y	21	47	12.05	.....	Beason & Cuba sts., Locust point.	Coates Bros.	Stable.	2	2	Two-story brick.	Caused by an explosion in Coates' rolling mill, setting fire to the stable, which was destroyed; the boiler house was badly damaged.
"	21	152	12.15	.....	Franklin and Green streets.	.....	.....	.....	.....	.....	This alarm was given by a newly appointed policeman, who, hearing the bells ringing for the fire on Locust Pt considered it his duty to pull box on his beat.
Thurs'y	22	78	4.10	.....	516 Pennsylvania avenue.	John Spotty.	Dwelling.	7, 8	2	Two-story brick.	One story frame stable in the rear burned; cause unknown.
Wedn'y	28	6	.....	8.40	False alarm.	.....	....	.....	.....	....	Given by some unknown party.
Thurs'y	29	49	8.25	.....	Frederick avenue.	J. Seeger.	Brewery.	10	2	....	One story frame house attached to the brewery burned; caused by the boiling over of a pitch kettle used for pitching the kegs.
Friday	30	134	.....	6.25	Leadenhal street extended.	C. N. Smith.	Oil distillery.	2, 10	2	Two-story brick.	Caused by the ignition of a still.
Satur'y	31	89	.....	8.20	11 and 13 Edward street.	Gunther & Frick.	Furniture factory.	3, 4, 5, 6, 9	1, 3	Three-story brick	Stock and building badly damaged; cause unknown; Nos. 9 Engine Co. and 1 H. and L. Co. called next day to put out embers.

TABLE A.—*Concluded.*

Causes of Fires.

Accidents, (unavoidable	4
Careless Construction of Flues	16
" " " Car Heater	1
" " " Baker's Oven	1
" " " Fire Place Stoves	2
" use of Tinner's Fire Pots	2
" " Candles	3
" " Matches	1
Children playing with Matches	4
Chimneys	7
Explosion of Steam Boiler	1
" " Coal Oil	1
" " " Stills	4
" " Gasoline	1
" " Illuminating Gas	2
" " Coal Oil Lamps	9
Fat dropping on fire	2
Friction of Belting	1
Hot ashes near woodwork	1
Incendiary	1
" supposed	6
Iron Safe, (wood lined,) near a stove	1
Overheating of Pitch Kettles	4
" " Cedar Drying Kiln	1

Stove pipe near wood work..... 5
Sparks from Locomotives..... 2
" " other fires..... 1
Spontaneous combustion of oiled rags, &c..... 4
Shingle Roofs fired by sparks from chimneys..... 9
Unknown..... 59

TABLE B.

Daily and Hourly Record of Fires from November 1, 1873, *to October* 31, 1874.

Hour—A. M.	1st	2d.	3d.	4th.	5th.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	Total.
Sunday.....	1	1	1	....	....	....	....	1	1	....	....	1	6
Monday....	3	2	1	1	2	1	....	1	...	1	1	....	13
Tuesday....	1	1	3	1	1	....	1	....	....	2	....	....	10
Wednesday.	1	....	....	....	1	1	1	1	....	2	....	....	7
Thursday...	....	....	2	....	1	2	....	....	1	1	2	2	11
Friday.....	1	3	2	....	....	....	....	....	1	....	1	1	9
Saturday....	2	3	1	....	2	1	2	1	1	1	....	1	15
Total.....	9	10	10	2	7	5	4	4	4	7	4	5	71

Hour—P. M.	1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th	9th.	10th.	11th.	12th.	Total.
Sunday.....	....	1	....	1	2	....	1	....	2	....	....	....	7
Monday....	1	....	2	1	4	1	....	2	3	....	4	1	19
Tuesday	1	1	3	....	....	1	1	....	....	3	1	1	12
Wednesday.	1	....	1	1	1	....	....	1	4	2	3	1	15
Thursday...	2	2	1	....	1	2	...	....	....	3	1	1	13
Friday.....	....	1	2	1	....	2	1	1	....	2	....	1	11
Saturday...	....	....	....	2	....	1	1	2	3	1	2	2	14
Total.....	5	5	9	6	8	7	4	6	12	11	11	7	91

TABLE C.

Total Number of Fires and Alarms for the Year ending, October 31st, 1874.....162.

Of which there were from Test, 1; False Alarms, 3; out of City, 7	11
For Actual Fires	151
	162

Number of Fires and Alarms West of Calvert Street	85
Number of Fires and Alarms East of Calvert Street	77
	162

Number occurring from 6 A. M. to 12 M.	33	
Number occurring from 12 M. to 6 P. M.	40	
Total, from 6 A. M. to 6 P. M.		73
Number occurring from 6 P. M. to 12 P. M.	58	
Number occurring from 12 P. M. to 6 A. M.	31	
Total, from 6 P. M. to 6 A. M.		89
		162

Heaviest Loss at any one Box.....69.

TABLE D.

Condensed Monthly and Daily Summary, 1874.

MONTHLY.		DAILY.	
November, 1873	17	Sunday	13
December	9	Monday	32
January, 1874	11	Tuesday	22
February	18	Wednesday	22
March	18	Thursday	24
April	12	Friday	20
May	18	Saturday	29
June	6		
July	13		162
August	11		
September	15		
October	14		
	162		

The Telegraphic Signal Station giving the greatest number of Alarms was Box 24, which was struck six times.

Telegraphic Signal Stations from which no Alarm was received, 18, 21, 27, 31, 32, 36, 57, 65, 73, 85, 98, 123, 124, 126 127, 128, 132, 135.

TABLE D.—*Continued.*

Signal Stations from which Alarms have been received for the year ending, October 31*st*, 1874.

Box.	Alarms.	Box.	Alarms.	Box.	Alarms.
1	1	39	5	83	1
2	4	42	1	84	1
3	1	43	1	86	2
4	1	47	2	87	1
5	3	48	4	89	1
6	2	49	2	91	2
7	4	54	3	92	1
8	5	56	1	93	2
9	3	58	2	94	1
12	2	59	1	95	4
13	3	61	1	96	1
14	4	62	1	97	2
15	3	63	4	121	2
16	3	64	1	125	1
17	3	67	1	129	1
19	3	68	1	134	1
23	1	69	2	136	2
24	6	71	2	137	1
25	1	72	5	138	1
26	1	74	2	141	2
28	4	75	2	142	1
29	4	76	1	152	1
34	5	78	4		
35	2	79	2	162	
37	2	81	1		
38	2	82	5		

TABLE E.

Running Time of Engines and Service of Hook and Ladder Trucks, year ending October 31, 1874.

COMPANIES.	Nov. H. M.	Dec. H. M.	Jan. H. M.	Feb. H. M.	March H. M.	April H. M.	May. H. M.	June. H. M.	July. H. M.	Aug. H. M.	Sept. H. M.	Oct. H. M.	Total.
Engine 1	3.20	2.10	6.20	1.15	8.45	2.50	10.30	1.30	....	1 35	0.55	2.35	41.45
" 2	6.30	3.00	7.05	5.55	11.00	....	15.20	2.10	....	6.40	2 25	5.50	65.55
" 3	3.00	4.40	1.25	7.50	6 25	....	19.30	1.25	1.40	10.50	6.00	7.45	70.30
" 4	6.15	7.30	3.25	1.35	5.30	1.00	14.35	2.10	1.20	3.30	2.00	9.20	58.10
" 5	....	3.30	....	7.15	2.00	....	5.30	0.30	0.30	8.30	2.25	5.30	35.40
" 6	5.30	4.35	....	10.40	4.00	....	6.00	1.20	1.30	....	1 50	8.45	44.10
" 7	0.30	6.00	....	....	5.00	3.30	11.00	1.45	....	5.00	....	3 30	36.15
" 8	2.45	1.30	1.45	....	8.40	2.00	3.25	1.10	0.20	3.10	0.45	2.10	27.40
" 9	....	3.30	....	2.00	....	1.15	13.00	1.35	3.45	9.10	5.25	6 50	46.30
" 10	7.50	1.00	3 30	1.00	7.35	7.40	9.15	....	0.25	2.10	1.50	2.50	45.05
Total	35.40	37.25	23.30	37.30	58.55	18.15	108.05	13 35	9 30	50 35	23.35	55.05	471.40
Hook and Ladder 1	8.30	10.55	8 00	13.15	11.45	4.15	20.30	4.25	5.20	15.20	9.50	14.20	126.25
" " 2	14.20	8.30	10.50	13.30	17.10	15.30	23.10	6.40	4.45	17.45	13.55	12.25	158.30
" " 3	11.25	9.30	7.45	14.45	13.30	3.30	35.15	3.45	5.25	14.00	13.25	14.40	146.55
Total	34.15	28.55	26.35	41.30	42.25	23.15	78.55	14.50	15 30	47.05	37.10	41.25	431.50

TABLE E.—*Continued.*

Working Service of Men for year ending October 31, 1874.

COMPANIES.	Nov. H. M.	Dec. H. M.	Jan. H. M.	Feb. H. M.	March H. M.	April. H. M.	May. H. M.	June. H. M.	July. H. M.	Aug H. M.	Sept. H. M.	Oct. H. M.	Total.
Engine 1	10.42	6.30	10.35	10.30	18.30	8.25	22.00	4.30	6.05	8.15	8.15	11.00	125.17
" 2	17.30	9.20	13.00	15.00	19.35	6.00	27.00	6.15	6.00	13.20	16.15	15.15	164.30
" 3	10.00	9 19	7.06	19.40	15.25	5.00	28.05	5.43	7.55	16.51	13.00	14.30	152 34
" 4	14.25	13.35	9 50	12.40	14 25	5 50	23.45	5.00	7.20	9.25	10.20	14.33	141.08
" 5	6.40	7.05	4.10	19.20	8.40	4.20	21.10	3.25	6.40	19.40	11.10	11.55	124.15
" 6	11.06	9 35	5.35	15.10	17.15	5.25	16.40	4.22	8.30	6.30	11.20	18.20	129.48
" 7	10.05	11.05	5.55	9.00	13.40	8.10	23 05	5.20	6.00	12.00	8.35	11 30	124.25
" 8	10.05	5.30	8.05	13 40	18.35	6.55	25.10	4 55	6.05	9.20	9.05	11.00	138.25
" 9	9.45	9.21	4.58	11.20	10.57	5.05	32.50	4.12	7.37	14.45	10.55	13.30	135.15
" 10	16.13	6.43	7.27	9.56	16.53	14.55	21.35	5.15	5.55	8.27	11.15	13.15	137.49
Total	116.31	88.03	76.41	136.16	153.55	70.05	241.20	48.57	68.07	118.33	110.10	134.48	1363 26
Hook and Ladder 1	13.05	11.45	10.10	18.10	15.50	7.15	26.10	5.55	8.35	18.10	17.29	17.20	169.54
" " 2	16.50	11.00	13.20	18.45	22.05	17.30	29.45	7.10	8.55	20.15	15.55	20.40	202.10
" " 3	12.40	11.08	10.07	19.50	17.40	6.55	40.35	5.35	8.25	18.35	16.25	17.35	185.30
Total	42.35	33.53	33.37	56.45	55.35	31 40	96.30	18 40	25.55	57.00	49.49	55.35	557.34

TABLE E.—*Continued.*

Condensed Running Time of Engines and Service of Hook and Ladder Companies year ending October 31st, 1874.

MONTHS.	ENGINES.		H. & L Co's	
	Hrs.	*Min.*	*Hrs.*	*Min.*
November, 1873	35	40	34	15
December	37	25	28	55
January, 1874	23	30	26	35
February	37	30	41	30
March	58	55	42	25
April	18	15	23	15
May	108	05	78	55
June	13	35	14	50
July	9	30	15	30
August	50	35	47	05
September	23	25	37	10
October	55	05	41	25
Total	471	40	431	50

Condensed Service of Men year ending October 31st, 1874.

MONTHS.	ENGINES.		H. & L. Co's	
	Hrs.	*Min.*	*Hrs.*	*Min.*
November, 1873	116	31	42	35
December	88	03	33	53
January, 1874	76	41	33	37
February	136	16	56	45
March	153	55	55	35
April	70	05	31	40
May	241	20	96	30
June	48	57	18	40
July	68	07	25	55
August	118	33	57	00
September	110	10	49	49
October	134	48	55	35
Total	1363	26	557	34

TABLE F.

Total Number of Telegraphic Fire Alarms and the Boxes from which they were received, from July 2nd, 1859 to October 31st, 1874.

Box.	Alarms.	Box.	Alarms.	Box.	Alarms.	Box.	Alarms.	Box.	Alarms.
1	57	25	36	48	14	72	38	95	4
2	92	26	56	49	17	73	12	96	1
3	68	27	33	51	28	74	8	97	2
4	44	28	49	52	37	75	11	121	4
5	52	29	20	53	35	76	3	123	4
6	66	31	41	54	44	78	4	124	2
7	54	32	32	56	10	79	2	125	4
8	72	34	39	57	9	81	17	126	1
9	48	35	25	58	10	82	34	127	2
12	53	36	46	59	3	83	24	129	3
13	49	37	13	61	10	84	5	132	3
14	55	38	45	62	28	85	1	134	2
15	88	39	45	63	41	86	2	135	4
16	34	41	22	64	7	87	1	136	5
17	45	42	29	65	15	89	1	137	5
18	9	43	39	67	7	91	11	138	3
19	29	45	34	68	2	92	7	141	2
21	28	46	12	69	2	93	10	142	2
23	30	47	11	71	45	94	3	152	1
24	56								

Grand Total.....2266

Number of Alarms from Boxes in the Eastern District from July 2nd, 1859 to October 31st, 1874.....1089

Number from Boxes in the Western District.....1177

Total.....2266

TABLE G.

PAY ROLL.

ANNUAL SALARIES PAID MONTHLY.

1	Chief Engineer	$2,000
2	Assistant Engineers, (each)	1,400
1	Clerk and Secretary	1,200

Engine Companies.

10	Foremen, (each)	500
10	Enginemen, (each)	1,100
10	Assistant Enginemen,(each)	900
10	Hostlers,(each)	900
80	Firemen,(each)	400

Hook and Ladder Companies.

3	Foremen, (each)	500
3	Tillermen, (each)	900
3	Hostlers, (each)	900
30	Laddermen, (each)	400
163	Total.	

TABLE H.

Horses, Hose, Hose Carriages, Ladders, Trucks and Bells.

COMPANIES.	Horses.	Good Hose	Medium Hose.	Weight of Carriages.	Weight of Trucks.	Number of Ladders.	Weight of Bells.	Old Hose Carriages.	Old Trucks.
Engine Company No. 1	5	1,000 feet.	1,000 feet.	4,300 lbs.				1	
" " " 2	5	850 "	800 "	4,200 "			2,000 lbs.	1	
" " " 3	4	1,050 "	800 "	4,300 "			3,176 "	1	
" " " 4	5	1,100 "	1,300 "	4,300 "				1	
" " " 5	4	1,000 "	1,100 "	4,300 "			2,000 lbs.	1	
" " " 6	5	1,050 "	700 "	4,300 "			2,784 "	1	
" " " 7	5	900 "	900 "	3,135 "			1,600 "	1	
" " " 8	4	1,000 "	600 "	4,300 "			2,069 "	1	
" " " 9	7	1,000 "	800 "	4,300 "			2,069 "	1	
" " " 10	4	1,000 "	700 "	4,220 "			2,059 "	1	
Hook and Ladder Co. No. 1	2	200 "			5,300 lbs.	8			1
" " " " 2	3	200 "			5,400 „	8	2,479 "		
" " " " 3	3	200 "			3,700 "	7			

TABLE J.

Description of Engines.

Engines.	Steam Cylinder		Pump.		Galls. per revolution.	Heat'g surface.	Weight in Service	Builders Names.	Name of Pump.	When Built.
	Diam'r.	*Stroke.*	*Diam'r.*	*Stroke.*		*Sq ft.*				
No. 1.....	8½ in.	15½ in.	4⅝ in.	15½ in.	2.25	215	7575	John Agnew.....	Double Acting.....	1868
" 2.....	9½ "	12 "	5½ "	12 "	2.50	165	6160	W. M. Ives & Son.....	Double Acting.....	1867
" 3.....	11 "	12 "	4¼ "	12 "	3	238	7245	Poole & Hunt.....	Fulton.....	1859
" 4.....	11 "	12 "	4¼ "	12 "	3	300	8550	J. A. Ives & Bro.....	Fulton.....	1874
" 5.....	11 "	12	4¼ "	12 "	3	260	8165	W. M. Ives & Son.....	Fulton.....	1864
" 6.....	9 "	12 "	5 "	12 "	2	165	6800	Poole & Hunt.....	Double Acting.....	1863
" 7.....	11 "	8 "	4¼ "	8 "	2	145	5406	Poole & Hunt.....	Fulton.....	1868
" 8.....	9 "	12 "	5 "	12 "	2	143	6641	W. M. Ives & Son.....	Double Acting.....	1870
" 9.....	9 "	12 "	5 "	12 "	2	143	6700	W. M. Ives & Son.....	Double Acting.....	1870
" 10.....	8 "	12 "	4 "	12 "	1.30	110	4700	Hydraulic Works, Phila.....	Double Acting.....	re-built 1870
Reserve...	11 "	8 "	4¼ "	8 "	2	145	5310	Poole & Hunt.....	Fulton.....	1869
"	11 "	12 "	4⅝ "	12 "	3.10	251	7414	Poole & Hunt.....	Fulton.....	1859
"	10 "	12 "	6 "	12 "	3	190	6700	Hazelhurst & Wiegand.....	Cameron.....	1861

TABLE K.

Hourly Morning Record of Fires from July, 1859, *to October* 31, 1874.

Hour A. M.	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	Total.
1st.....	5	8	4	2	5	5	9	6	11	13	6	11	4	1	4	9	103
2d	15	6	8	6	2	2	3	4	9	3	7	6	2	5	9	10	97
3d	6	3	13	5	2	2	3	7	2	9	4	9	10	2	6	10	93
4th.....	5	4	4	7	3	3	3	3	5	4	5	6	5	5	9	2	73
5th.....	3	3	2	4	1	4	3	1	7	5	5	1	1	6	3	7	56
6th.....	....	6	4	2	....	5	3	3	1	2	5	1	4	3	4	5	48
7th.....	2	1	2	1	2	4	2	1	5	1	6	3	4	4	5	4	47
8th.....	2	2	1	1	3	4	4	6	5	7	7	2	4	4	3	4	59
9th.....	5	1	3	1	6	6	2	9	2	4	5	5	7	6	2	4	68
10th.....	3	2	6	2	6	5	10	8	10	3	5	3	7	10	4	7	91
11th	6	1	6	2	4	8	6	10	7	6	8	12	6	6	6	4	98
12th.....	4	5	14	8	4	7	3	5	3	7	10	10	5	6	4	5	100
Total....	56	42	67	41	38	55	51	63	67	64	73	69	59	58	59	71	933

Hourly Evening Record of Fires, from July, 1859, *to October* 31, 1874.

Hour P. M.	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	Total.
1st.....	2	1	3	4	3	7	6	10	10	4	11	8	4	6	3	5	87
2d.....	4	3	2	5	3	7	3	9	10	3	9	7	6	9	11	5	96
3d.....	3	3	5	5	4	7	5	7	12	1	6	6	7	6	4	9	90
4th..... .	1	4	....	....	4	6	4	8	10	5	8	4	9	14	5	6	88
5th.....	1	8	7	5	2	4	1	10	6	6	8	9	9	6	8	8	98
6th.....	1	9	6	4	3	10	4	9	6	7	6	8	6	11	4	7	101
7th.....	5	8	7	5	4	10	6	15	17	5	13	11	10	12	10	4	142
8th	3	9	10	3	3	10	7	12	9	5	12	11	10	16	12	6	138
9th.....	5	9	10	2	4	10	6	6	12	9	11	4	11	9	9	12	129
10th.....	8	11	6	6	4	7	8	11	12	9	11	13	14	9	8	11	148
11th.....	4	5	7	5	4	6	7	10	12	12	13	7	5	9	4	11	121
12th.	4	4	1	1	6	4	2	7	9	5	12	8	13	10	2	7	90
Total....	41	74	64	45	44	88	59	114	125	71	120	96	104	117	80	81	1333

TABLE L.

Daily Record of Alarms of Fire, from February, 1859, *to October* 31st, 1874.

Year.	Sunday.	Monday.	Tuesday.	Wednes'y.	Thursday.	Friday.	Saturday.	Total.
1859.....	12	16	12	14	13	13	17	97
1860.....	13	26	22	13	17	10	15	116
1861.....	16	19	22	22	17	18	17	131
1862.....	13	12	9	7	18	17	10	86
1863.....	12	15	12	13	7	10	13	82
1864.....	17	23	18	20	29	22	14	143
1865.....	16	17	19	14	13	22	9	110
1866.....	19	26	30	22	27	29	24	177
1867.....	28	25	29	30	28	33	19	192
1868.....	12	19	24	10	22	34	24	145
1869.....	29	29	32	25	25	31	22	193
1870.....	17	25	24	24	25	25	25	165
1871.....	14	19	22	27	27	21	33	163
1872.....	11	14	24	29	43	29	25	175
1873.....	14	20	16	17	22	20	30	139
1874.....	13	32	22	22	24	20	29	162
Total...	256	337	337	309	357	344	326	2266

TABLE M.

Monthly Record of Fire Alarms from July, 1859, *to October* 31, 1874.

	1859	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	1870	1871	1872	1873	1874	Total.
January	...	24	11	10	10	11	7	20	12	16	27	17	10	13	13	11	212
February	2	17	14	8	7	11	9	10	10	9	15	10	8	13	15	18	176
March	8	9	19	10	6	14	8	22	17	13	16	18	13	18	20	18	229
April	2	8	8	9	6	12	3	9	22	12	13	12	16	18	9	12	171
May	13	19	10	4	4	15	5	17	14	9	10	13	15	21	10	18	197
June	5	3	8	2	3	14	15	13	18	8	9	6	15	11	16	6	152
July	19	1	15	11	6	11	20	22	20	12	18	18	10	17	18	13	231
August	6	3	7	3	4	12	2	10	11	10	27	7	13	7	9	11	142
September	3	9	6	3	9	9	11	8	16	10	17	17	11	13	16	15	173
October	11	7	6	9	5	11	8	8	20	11	16	13	19	7	13	14	178
November	15	2	12	7	11	12	15	17	15	10	16	15	17	17	17	....	198
December	13	14	15	10	11	11	7	21	17	15	9	19	16	20	9	....	207
Total	97	116	131	86	82	143	110	177	192	135	193	165	163	175	165	146	2266

ENGINE COMPANY, No. 1.

WENT INTO SERVICE, FEBRUARY, 1859

Engine House situated on Paca Street, North of Fayette St.

Has in charge: One Steam Fire Engine; two Four Wheel Hose Carriages; one Wood Tender; 1000 feet Good Hose; 1100 feet Medium Hose; 5 Horses and Harness, with all necessary equipments for Service.

NAMES.	AGE.	RESIDENCE.	OCCUPATION.
Jacob H. Hayward Foreman	50	202 W. Fayette st....	Ornamental Painter.
Jno. H. Deal, Engineman...	32	49 N. Paca st.....	Machinist.
Jacob W. Yeaton, Ass't " ..	33	215 W. Fayette St...	Machinist.
Lewis J. Fresch, Hostler....	31	24 N. Paca st.....	Carpenter.
Alex. Forrest, Fireman.....	50	48 Chatsworth st....	Venitian Blind Maker.
James Humes, Fireman....	32	156 S. Sharp st.....	Glass Cutter.
William White, Fireman...	29	37 Wasche st.....	Carpenter.
Jno. H. Morgan, Fireman..	24	103 Raborg st.....	Paper Hanger.
Laurence Pistel, Fireman...	25	279 Walsh st.....	Cigar Maker.
Jno. T. Northouse, Fireman	30	508 W. Pratt st.....	Furniture Painter.
E. R. Addison, Fireman....	27	54 S. Poppleton st....	Machinist.
G. N Mackenheimer "	38	48 N. Pine st.....	Cigar Maker.

ENGINE COMPANY, No. 2.

WENT INTO SERVICE, FEBRUARY, 1859

Engine House situated on Barre Street, west of Sharp st.

Has in Charge: One Steam Fire Engine; two Four Wheel Hose Carriages; 850 feet Good Hose; 800 feet Medium Hose; 5 Horses and Harness with all the necessary Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
Jacob Hindes, Foreman.....	50	100 S. Sharp Street...	Chair Maker
Thos. Wheatly, Engineman..	35	248 Lee st.....	Machinist.
M. Lycett, Ass't Engineman.	29	61 York st.....	Machinist.
Richard Kelly, Hostler.....	34	98 Barre st.....	Turner.
George D. Taylor, Fireman..	40	100 West st.....	Carter.
Wm. B. Reynolds, Fireman..	51	262 S. Charles st.....	Tinner.
Thos. S. Rodenhi, Fireman..	38	128 S. Howard st....	Chair Maker.
Jno. A. Young, Fireman.....	37	101 York st.....	Sail Maker.
Chas. Romoser, Fireman.....	37	168 Sharp st.....	Gas Fitter.
Benj. T. Wirts, Fireman.....	34	36 Church st.....	Collar Maker.
Francis Slain, Fireman.....	39	19 Conway st.....	Laborer.
George Wernex, Fireman....	28	66 S. Paca st.....	Caulker.

ENGINE COMPANY, No. 3.

WENT INTO SERVICE, FEBRUARY, 1859.

Engine House situated on Lombard Street, East of High st.

Has in Charge: One Steam Fire Engine; two Four Wheel Hose Carriages; 1050 feet Good Hose; 800 feet Medium Hose, 4 Horses and Harness, with all necessary Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
P. H. Flaherty, Foreman....	44	103 Bank st.....	Painter.
Jno. F. Reilly, Engineman...	42	109 Exeter st.....	Machinist.
T. H. Humphreys, Ass't " ..	34	79 S. Exeter st.....	Machinist.
P. F. Bradley, Hostler.....	31	12 S. Front st.....	Shipwright.
William H. Moore, Fireman.	33	102 S. Chester st.....	Wagoner.
J. J. Adelman, Fireman.....	28	98 Hanover st.....	Candy Maker.
R. Lindsey, Fireman.....	31	91 Gough st.....	Paper Hanger.
C. Renner, Fireman.....	36	46 Central av.....	Wagoner.
W. H. Ward, Fireman.....	52	41 Granby st.....	Shoemaker.
A. Maguire, Fireman	27	Gough and Stiles st..	Sugar Refiner.
J. Bradley, Fireman...	36	12 Front st.....	Moulder.
J. Batty, Fireman.....	22	16 Castle st.....	Bricklayer.

ENGINE COMPANY, No. 4.

WENT INTO SERVICE, FEBRUARY, 1859.

Engine House situated on North Street, North of Fayette st.

Has in Charge: One Steam Fire Engine; One Reserve Engine; two Four Wheel Hose Carriages; 1,100 feet Good Hose; 1,300 feet Medium Hose; 5 Horses and Harness, with all necessary Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
Geo. W. Horton, Foreman...	28	111 Asquith st.....	Wire Worker.
Geo. W. Griffin, Engineman.	42	65 W. Pratt st.....	Machinist.
Francis M. Butler, Ass't " ...	25	143 Barre st.....	Machinist.
Jno. Wernsing, Hostler.....	30	66 N. Holliday st....	Hostler.
Sam'l French, Fireman.. ...	32	32 Miller st.....	Carpenter.
Jos. Farr, Fireman	34	370 E. Madison st....	Butcher.
J. Oscar Healey, Fireman.....	39	41 N. Bond st	Carpenter.
Jas. H. Walsh, Fireman.....	31	105 East st.....	Painter.
Jno. T. O'Halloran, Fireman.	38	217 Chesnut st.....	Painter.
James Allen, Fireman.....	28	200 Barre st.....	Printer.
Geo. W. Bentz, Fireman....	34	163 W. Baltimore st..	Baker.
W. H. Ryan, Fireman.....	29	445 E. Baltimore st..	Machinist

ENGINE COMPANY, No. 5.

WENT INTO SERVICE, APRIL, 1859.

Engine House situated on Ann Street, South of Pratt st.

Has in Charge: One Steam Fire Engine: two Four Wheel Hose Carriages; 1,000 feet Good Hose, 1,100 feet Medium Hose; one Wood Tender; 4 Horses and Harness, with all necessary Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
W. G. Miller, Foreman.....	51	97 Gough st.....	House Carpenter.
Francis Corrigan, Engineman	41	280 Gough st.....	Machinist.
John Calder, Ass't "	27	256 Gough st.....	Machinist.
W. Jamieson, Hostler.....	23	117 S. Ann st.....	Driver.
Andrew Perry, Fireman.....	47	144 S. Ann st.....	Pattern Maker.
Milton Spofford, Fireman....	39	46 N. Ann st.....	House Carpenter.
Wm. J. Richards, Fireman..	54	172 Gough st.....	Cigar Maker
Wells Ashcraft, Fireman....	55	264 E. Pratt st.....	Ship Joiner.
Jos. L. Chason, Fireman....	38	272 E. Pratt st.	Painter.
Edwin Bailey, Fireman.....	27	174 Gough st.....	House Carpenter.
J. O. Krauch, Fireman.....	39	129 S. Ann st.....	Sheet Iron Worker.
W. T. Disney, Fireman.....	24	229 Bank st.....	Bricklayer.

ENGINE COMPANY, No. 6.

WENT INTO SERVICE, APRIL, 1859.

Engine House situated corner of Gay and Ensor Streets.

Has in Charge: One Steam Fire Engine; one Four Wheel Hose Carriage; one Two Wheel Hose Carriage; 1050 feet Good Hose; 700 feet Medium Hose; 5 Horses and Harness, with all necessary Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
Wm. W. Watson, Foreman..	41	21 Holland st.....	Trunk Maker.
M. Mulligan, Engineman.....	38	107 E. Eager st.....	Machinist.
Wm. M. Strebb, Ass't "	31	34 E. Baltimore st...	Machinist.
Andrew Jamieson, Hostler...	46	59 Stirling st.....	Hackman.
T. B. Riall, Fireman.....	35	74 Exeter st.....	Carpenter.
H. J. Edell, Fireman.....	33	5 Orleans st.....	Tailor.
D. H. Macaulay, Fireman....	48	107 N. Broadway....	Painter.
J. W. Harper, Fireman.....	39	139 Chew st.....	Bill Poster
C. T. Wright, Fireman.....	60	187 N. Caroline st...	Shoemaker.
W. West, Fireman.....	32	46 Hillen st.....	Tinner.
J. M. Ogle, Fireman.....	39	263 E. Madison st....	Saw Maker.
L. Blake, Fireman.....	29	104 Eager st.....	Painter.

ENGINE COMPANY, No. 7.

WENT INTO SERVICE, APRIL, 1859.

Engine House situated corner of Eutaw and Ross Streets.

Has in Charge: One Steam Fire Engine; one Four Wheel Hose Carriage; One Two Wheel Hose Carriage; 900 feet Good Hose; 900 feet Mediuni Hose; 5 Horses and Harness, with all necessary Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
Jacob Stouffer, Foreman.....	47	148 Pearl st.....	Printer.
Wm. Stanton, Engineman...	30	3 Druid Hill av.....	Machinist.
P. F. Moriarity, Ass't "	23	17 S. Front st.....	Machinist.
C. M. Kemp, Hostler,.....	28	28 St. Marys st.....	Driver.
H. S. Konig, Fireman.	45	167 Paca st.....	Painter.
G. W. Grubb, Fireman.....	48	185 Franklin st.....	Cedar Cooper.
Ed. Sheeks, Fireman.....	34	48 N. Green st.....	Piano Maker.
G. W. Allen, Fireman.....	32	295 N. Eutaw st.....	Painter.
J. H. Gildea, Fireman.....	48	265 Biddle st.....	Driver.
J. H. McGreevy, Fireman...	40	63 Garden st.....	Stone Cutter.
J. H. Bouersox, Fireman....	34	217 Biddle st.....	Painter.
J. P. Welsh, Fireman.....	45	17 Diamond st.....	Stone Cutter.

ENGINE COMPANY, No. 8.

WENT INTO SERVICE, MARCH, 1871.

Engine House situated on Mulberry Street, West of Schroeder st.

Has in Charge: One Steam Fire Engine; one Reserve Steam Fire Engine; One Four Wheel Hose Carriage; one Two Wheel Hose Carriage; 1000 feet Good Hose; 600 feet Medium Hose; 4 Horses and Harness, with all necessary Equipments for Service.

NAMES.	AGE.	RESIDENCE.	OCCUPATION.
G. W. Krager, Foreman.....	36	107 N. Poppleton st..	Cigar Maker.
Wm. Thompson, Engineman.	51	20 N. Schroeder st....	Machinist.
W. Hoofnagle, Ass't "	28	434 W. Lombard st..	Machinist.
W. Kussmaul, Hostler.....	25	443 Saratoga st.....	Hostler.
Ed. Beefelt, Fireman.....	43	44 N. Schroeder st...	Cigar Maker.
A. J. Walter, Fireman.....	36	Fremont & Saratoga..	Cigar Maker.
O. D. Burgess, Fireman.....	37	86 N. Schroeder st....	Silver Plater.
G. Chapman, Fireman.....	44	168 N. Poppleton st..	Shoemaker.
P. Gallagher, Fireman.....	50	534 Saratoga st.....	Tailor.
W. A. Marchant, Fireman....	23	Oregon & Mulberry st	Cigar Maker.
Thos. Murphy, Fireman.....	27	443 Saratoga st.....	Hostler.
Jas. Ledyen, Fireman.....	22	Pearce st.....	Cigar Maker.

ENGINE COMPANY, No. 9.

WENT INTO SERVICE, FEBRUARY, 1872,

Engine House situated on Madison Street, East of Broadway.

Has in Charge: One Steam Fire Engine: one Reserve Steam Fire Engine; two Four Wheel Hose Carriages; one Two Wheel Hose Carriage; 1000 feet Good Hose; 800 feet Medium Hose; 7 Horses and Harness, with all necessary Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
Francis D. Kerr, Foreman....	34	364 E. Madison st....	Rigger.
Wm. T. Calvert, Engineman.	36	407 E. Madison st....	Machinist.
Dan'l Rodgers, Ass't "	28	360 E. Madison st....	Boiler Maker.
Jno. Reed, Hostler.....	27	358 Madison st.....	Carpenter.
Jos. Ryan, Fireman	28	299 N. Durham st.....	Harness Maker.
Jas. McDevitt, Fireman.....	32	249 Forrest st.....	Harness Maker.
J. A. Love, Fireman..... ...	46	74 N. Broadway.....	Painter.
Geo. Meinberg, Fireman.....	30	24 N. Central av.....	Barber.
S. Uhlfelter, Fireman	31	110 N. Chappel st.....	Huckster.
San'l Smith, Fireman.....	27	362 E. Madison st.....	Bricklayer.
J. T. Harney, Fireman.....	27	428 E. Monument st...	Excavator.
J. W. Ledden, Fireman.....	34	21 Central av.....	Gold Beater.

ENGINE COMPANY, No. 10.

WENT INTO SERVICE, DECEMBER, 1872.

Engine House situated on Columbia Street, East of Poppleton st.

Has in Charge: One Steam Fire Engine: two Four Wheel Hose Carriages; 1,000 feet Good Hose; 700 feet Medium Hose; 4 Horses and Harness, with all necessary Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
J. A. Lockington, Foreman..	32	8 Hollins st.....	Clerk.
F. Conway, Engineman.....	23	68 Poppleton st.....	Machinist.
J. J. McCoy, Ass't "	33	259 Columbia st.....	Machinist.
Jno. Kelly, Hostler.....	26	222 Scott st.....	Painter.
A. Squires, Fireman.....	32	443 Cross st.....	Carpenter.
W. Deck, Fireman.....	32	455 Saratoga st.....	Driver.
Jno. Cook, Fireman.....	25	84 N. Schroeder st...	Paper Hanger.
Sam'l Young, Fireman.....	33	311 S. Paca st.....	Sail Maker.
W. R. Ward, Fireman.....	32	172 George st.....	Carpenter.
W. H. Conway, Fireman....	40	221 Mulberry st.....	Paper Carrier.
Jno. Keily, Fireman	25	405 W. Pratt st.....	Bricklayer.
Jno. Laracy, Fireman.....	25	424 W. Fayette st....	Hostler.

HOOK AND LADDER COMPANY, No. 1.

WENT INTO SERVICE, FEBRUARY, 1859.

Truck House situated on Harrison Street, North of Baltimore st.

Has in Charge: One Truck; one Reserve Truck; one Wood Tender; two Fire Extinguishers; 200 feet Hemp Hose; 2 Horses and Harness, with all necessary Ladders and Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
Henry W. Mears, Foreman..	27	64 N. Gay st.....	Undertaker.
E. Burke, Tillerman.....	34	127 N. Eden st.....	Plasterer.
J. E. Patterson, Hostler.....	28	16 Watson st.....	Hostler.
C. Dougherty, Ladderman..	33	4 Jackson st	Collector.
J. B. Keene, " ..	35	405 N. Central av.....	Carpenter.
J W. Blake, " ..	38	143 E. Eager st.....	Engineer.
M. Nolan, " ..	44	28 E. Lombard st....	Driver.
W. Brown, " ..	25	N. Ann st.....	Teamster.
J. L. Southcomb, " ..	26	43 Harrison st.....	Wire Worker.
J. P. Ward, " ..	24	41 Granby st.....	News Agent.
S. Berliner, " ..	24	49 Watson st.....	Solicitor.
Jos. Blanchard, " ..	38	185 Ensor st.....	Coach Painter.
J. V. Dougherty, " ..	25	20 N. Bond st.....	Steam Fitter.

HOOK AND LADDER COMPANY, No. 2.

WENT INTO SERVICE APRIL, 1859.

Truck House situated on Paca Street, North of Fayette st,

Has in Charge: One Truck; two Fire Extinguishers; 200 feet Hemp Hose; 3 Horses and Harness, with all necessary Ladders and Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
Geo. H. Houck, Foreman....	46	163 Preston st.....	Railroad agent.
Jno. G. Gill, Tillerman.....	44	202 W. Fayette St...	Painter.
Thos. Montgomery, Hostler..	35	234 German st.....	Driver.
Chas. L. Lilly, Ladderman...	36	251 Dolphin st.	Carpenter.
Thomas Wagner, "	34	6 Jasper st.....	Blacksmith.
F. A. Marston, "	36	238 Madison st.....	Painter.
Chas. M. Hall, "	31	228 German st.....	Cigar Maker.
Evan L. Dorsey, "	38	436 W. Baltimore st..	Paper Hanger.
W. S. Lilly, "	29	58 Division st	Carpenter.
Louis J. Rudolph, "	29	55 Hanover st.....	Carpenter.
W. R. Lashorne, "	27	244 Mulberry st.....	Dyer.
J. W. Friedhofer "	26	92 Hamburg st.....	Carpenter.
J. C. Tumer, "	28	10 Tessier st.....	Plumber.

HOOK AND LADDER COMPANY, No. 3.

WENT INTO SERVICE, JANUARY, 1871.

Truck House situated on Ann Street, South of Pratt Street.

Has in Charge; One Truck; two Fire Extinguishers; 200 feet Hemp Hose; 3 Horses and Harness, with all necessary Ladders and Equipments for Service.

NAMES.	AGE	RESIDENCE.	OCCUPATION.
T. W. Humphreys, Foreman.	55	111 N. Broadway....	Inspector.
Jno. McClellan, Tillerman...	41	139 S. Eden st.....	Sail Maker.
Chas. Geiger, Hostler.....	41	110 S. Ann st.....	Confectioner.
Rob't Crawford, Ladderman.	26	235 Bank st.....	Ship Carpenter.
N. Wormsley, "	30	158 Register st.....	Rigger.
J. N. Downs, "	26	410 Orleans st.....	Painter.
Thos. Taylor, "	32	91 Gough st.....	Carpenter.
Wm. E. Vanrossen "	26	104 S. Exeter st.....	Driver.
G. W. Foxwell, "	27	181 Bank st.....	Ship Carpenter.
R. Calder, "	42	124 Gough st.....	Paper Hanger.
Jno. Brown, "	32	110 Register st.....	Laborer.
A. Germon, "	25	210 Gough st.....	Painter.
Louis Roll. "	34	235 Durham st.....	Constable.

Fire Alarm Regulations.

List of Telegraphic Fire Alarm Stations and Companies Replying to the same.

STATIONS.	LOCATION.	FIRST ALARM.		SECOND ALARM.	
		Engines.	H. & L.	Eng's.	H&L
1	CENTRAL STATION, Holliday street	3 4 6	1	1 9	2
2	Calvert and Lombard streets	2 3 4 6	1 2	1 7	
3	Baltimore and Hanover streets	1 2 4 6	1 2	3 7	
4	Pratt and Gay streets	2 3 4 6	1 3	1 9	
5	No. 1 Truck House, Harrison street	3 4 6	1	1 9	3
6	Charles and Camden streets	1 2 3 4	1 2	6 7	
7	Howard and German streets	1 2 4 8	1 2	3 10	
8	Pratt street Bridge	3 4 6	1 3	2 9	
9	Charles and Mulberry streets	1 7	2	3 4	1
12	No. 3 Engine House, Lombard street	3 5 6	1	1 9	3
13	No. 2 Engine House, Barre street	1 2 10	2	3 8	1
14	No. 2 Truck House, Paca street	1 7 10	2	3 4	1
15	No. 6 Engine House, Gay and Ensor sts.	3 4 6	1	7 9	3
16	Aisquith and Douglas streets	3 6	1	4 9	3
17	No. 7 Engine House, Eutaw and Ross sts.	1 7 8	2	4 10	1
18	WESTERN POLICE STATION, Green st.	1 7 8	2	4 10	1
19	Penn and Lombard streets	1 2 10	2	4 8	1
21	Bank and Exeter streets	3 5	3	6 9	1
23	William and Montgomery streets	1 2 10	2	3 7	1
24	Caroline and Lombard streets	3 5	3	6 9	1
25	Bond and Jefferson streets	6 9	3	3 5	1
26	Light and Cross streets	1 2 10	2	4 8	1
27	EASTERN POLICE STATION, Bank street.	3 5	3	6 9	1
28	Fayette and St. Paul streets	1 4	1	3 6	2
29	Eutaw and Cross streets	1 2 10	2	4 7	1
31	Fremont and Columbia streets	2 8 10	2	4 7	1
32	Franklin and Chatsworth streets	1 8	2	4 7	1
34	Belair and Central avenues	6 9	1	3 4	3
35	Richmond Market	1 7 8	2	4 6	1
36	SOUTHERN POLICE STATION	1 2 8 10	2	4 7	1
37	Eager street and Morton alley	1 7	2	4 8	1
38	North and Monument streets	4 6	1	7 9	2
39	Elliott and Chesapeake streets, Canton	3 5	3	6 9	1
41	Harford avenue and Eager street	6 9	1	3 4	3
42	Drawbridge, foot of Falls	3 4 5	3	2 9	1

FIRE ALARM REGULATIONS.—*Continued.*

Stations.	LOCATION.	First Alarm.		Second Alarm.	
		Engines.	H & L.	Eng's	H&L
43	Fremont and Lexington streets	8 10	2	1 7	1
45	Pratt and Poppleton streets	2 8 10	2	1 4	1
46	Front and Hillen streets	4 6	1	3 9	2
47	Locust Point	2 5 10	3	1 3	2
48	Pearl and Saratoga streets	1 8	2	4 7	1
49	Frederick and Calverton Roads	8 10	2	2 7	1
51	No 5 Engine House, Ann street	5 9	3	3 4	1
52	N. W. Police Station, Penna. avenue.	7 8	2	1 10	1
53	Baltimore and Republican streets	8 10	2	1 4	1
54	Canton avenue and Chester streets	3 5	3	6 9	1
56	Pennsylvania avenue and Fremont street	7 8	2	1 10	1
57	Baltimore street and Frederick road	8 10	2	1 7	1
58	Belair Avenue	6 9	1	3 4	3
59	Charles and Lombard streets	1 2 3 4	1 2	6 7	
61	Carey street and Edmondson avenue	1 8	2	7 10	1
62	Madison and Forrest streets	6 9	1	3 4	2
63	Broadway and Thames street	3 5	3	4 9	1
64	Lexington and Stricker streets	8 10	2	1 7	1
65	Cathedral and Hoffman streets	1 7 8	2	4 6	1
67	Ann and Orleans streets	5 9	3	3 6	1
68	Pratt street and Central avenue	3 5	3	4 6	1
69	Cross and Covington streets	1 2	2	4 10	1
71	Pratt and Eutaw streets	1 2 10	2	4 7	1
72	Clay and Park streets	1 3 4 7	2	2 10	1
73	Monument street and Plover alley	1 7	2	4 8	1
74	Gay street and Broadway	6 9	1	3 4	3
75	Light and Heath streets	2 10	2	1 8	1
76	Madison and North avenues	7 8	2	1 10	1
78	Pennsylvania avenue and McMechen st.	7 8	2	1 10	1
79	Cook and Stricker streets	8 10	2	1 7	1
81	Eutaw Place and Dolphin street	7 8	2	1 10	1
82	Canton avenue and Caroline street	3 5	3	4 9	1
83	Baltimore and Wolfe streets	5 9	3	3 4	1
84	Gilmor and McHenry streets	8 10	2	1 2	1
85	Fayette street and Broadway	5 9	3	3 6	1
86	Druid Hill avenue and Preston street	7 8	2	1 10	1
87	Eager and Constitution streets	6 9	1	3 4	2
89	Aisquith and Jefferson streets	6 9	1	3 4	3
91	Central and Harford avenues	6 9	1	3 4	3
92	Oregon and Townsend streets	7 8	2	1 10	1
93	Monument and Castle streets	5 9	3	3 6	1
94	President street and Canton avenue	3 5 6	3	2 4	1
95	Baltimore and Poppleton streets	8 10	2	1 4	1
96	Barre and Warner streets	2 10	2	1 8	1
97	Ann street and Canton avenue	3 5	3	4 9	1
98	Bank and Washington streets	3 5	3	4 9	1

FIRE ALARM REGULATIONS.—*Continued.*

STATIONS.	LOCATION.	FIRST ALARM.		SECOND ALARM.	
		Engines	H. & L.	Eng's	H&L
121	Eden and Chase streets	6 9	1	3 4	3
123	No. 8 Engine House, Mulberry street	1 8	2	7 10	1
124	Madison and McMechen streets	7 8	2	1 10	1
125	Fort avenue and Baltimore & Ohio R. R.	2 10	2	1 4	1
126	Pratt and Gist streets	3 5	3	6 9	1
127	North and Greenmount avenues	6 9	1	4 7	2
128	North avenue and John street	7 8	2	1 10	1
129	No. 9 Engine House, Madison street	6 9	3	3 4	1
132	Light and Lee streets	1 2 4	2	7 10	1
134	Leadenhall and Stockholm streets	2 10	2	1 8	1
135	Calvert and Pleasant streets	4 6	1	7 9	2
136	Fayette and Exeter streets	3 6	1	4 9	3
137	No. 10 Engine House, Columbia street	8 10	2	1 2	1
138	No. 4 Engine House, North street	3 4 6	1	1 9	2
141	Fayette and Choptank streets	5 9	3	3 6	1
142	Baltimore and Pine streets	1 10	2	2 8	1
152	Franklin and Green streets	7 8	2	1 10	1

Upon the occurence of an alarm of fire, the number of the Station from which the same is received is struck out from the Central Station for the space of five minutes upon all the gongs and bells in Telegraphic communication therewith, which is at once answered by the Companies which attend that Station.

When a larger force is required, a second alarm can be given by the Chief Engineer or his Assistants.

When a still greater force becomes necessary, a General Alarm may be sounded, bringing up all the Reserves of the Department, or single Companies may be called as follows:

FIRE ALARM REGULATIONS.—*Continued.*

Signals for Calling Companies Separately.— One round of which, followed by the number of the Station at which it may be wanted, will be repeated five times at proper intervals, unless the reply 2–3 is sooner received at the Central Station.

Engine Co., No. 1.	2 3 1	Engine Co., No. 8.....	2 3 8
" " " 2.	2 3 2	" " " 9.....	2 3 9
" " " 3.	2 4 3	" " " 10.....	2 4 1
" " " 4.	2 3 4	Hook & Ladder Co., No. 1.	3 5 1
" " " 5.	2 3 5	" " " 2.	3 5 2
" " " 6.	2 3 6	" " " 3.	3 5 3
" " " 7.	2 3 7		

Sick Horse Calls.

Engine Co., No. 1..4 5 6–1	Engine Co., No. 8.....4 5 6– 8
" " " 2..4 5 6–2	" " " 9.....4 5 6– 9
" " " 3..4 5 6–3	" " " 10.....4 6 1– 1
" " " 4..4 5 6–4	Hook & Ladder Co., No. 1.....4 5 6–12
" " " 5..4 5 6–5	" " " 2.....4 5 6–13
" " " 6..4 5 6–6	" " " 3.....4 5 6–14
" " " 7..4 5 6–7	

FIRE ALARM REGULATIONS.—*Continued.*

Office Calls.

Chief Engineer..... 4 3 1
Assistant " E. D.....4 3 2
Assistant Engineer, W. D.....4 3 4
Inspector of Horses.....4 3 5

All Fire Alarm Calls will be struck upon all the Gongs five times, unless sooner answered by the signal 2-3. All other Calls will be struck three times, and need not be answered by signal.

List of Telegraphic Signal Stations attended by ENGINE *and* HOOK AND LADDER COMPANIES, *at First and Second Alarms.*

COMPANIES.	AT THE FIRST ALARM.	AT THE SECOND ALARM.
Engine No. 1	3 6 7 9 13 14 17 18 19 23 26 28 29 32 35 36 37 48 59 61 65 69 71 72 73 123 132 142	1 2 4 5 12 43 45 47 52 53 56 57 64 75 76 78 79 81 84 86 92 95 96 124 125 128 134 137 138 152
Engine No. 2	2 3 4 6 7 13 19 23 26 29 31 36 45 47 59 69 71 75 96 125 132 134	8 42 49 72 84 94 137 142
Engine No. 3	1 2 4 5 6 8 12 15 16 21 24 27 39 42 54 59 63 68 72 82 94 97 98 126 136 138	3 7 9 13 14 23 25 28 34 41 46 47 51 58 62 67 74 83 85 87 89 91 93 121 129 141
Engine No. 4	1 2 3 4 5 6 7 8 15 28 38 42 46 59 72 132 135 138	9 14 16 17 18 19 26 29 31 32 34 35 36 37 41 45 48 51 53 58 62 63 65 68 69 71 73 74 82 83 87 89 91 94 95 97 98 121 125 127 129 136

LIST OF TELEGRAPHIC SIGNAL STATIONS—*Continued.*

COMPANIES.	AT THE FIRST ALARM.	AT THE SECOND ALARM.
Engine No. 5.....	12 21 24 27 39 42 47 51 54 63 67 68 82 83 85 93 94 97 98 126 141	25
Engine No. 6.....	1 2 3 4 5 8 12 15 16 25 34 38 41 46 58 62 74 87 89 91 94 121 126 129 135 136 138	6 21 24 27 28 35 39 54 59 65 67 68 85 93 126 141
Engine No. 7.....	9 14 17 18 35 37 52 56 65 72 73 76 78 81 86 92 124 128 152	2 3 6 15 23 29 31 32 36 38 43 48 49 57 59 61 64 71 79 123 127 132 135
Engine No. 8.....	7 14 17 18 35 36 43 45 48 49 52 53 56 57 61 64 65 76 78 79 81 84 86 92 95 123 124 128 137 152	13 19 26 37 73 75 96 134 142
Engine No. 9.....	25 34 41 51 58 62 67 74 83 85 87 89 91 93 121 127 129 141	1 4 5 8 12 15 16 21 24 27 38 39 42 46 54 63 82 97 98 126 135 136 138
Engine No. 10.....	13 14 19 23 26 29 31 36 43 45 47 49 53 57 64 71 75 79 84 95 96 125 134 137 142	7 17 18 52 54 61 69 72 76 78 81 86 92 123 124 128 132 152

List of Telegraphic Signal Stations—*Continued.*

Companies.	At the First Alarm.	At the Second Alarm.
Hook and Ladder No. 1..	1 2 3 4 5 6 7 8 12 15 16 28 34 38 41 46 58 59 62 74 87 89 91 121 127 135 136 138	9 13 14 17 18 19 21 23 24 25 26 27 29 31 32 35 36 37 39 42 43 45 48 49 51 52 53 54 56 57 61 63 64 65 67 68 69 71 72 73 75 76 78 79 81 82 83 84 85 86 92 93 94 95 96 97 98 123 124 125 126 128 129 132 134 137 141 142 152
Hook and Ladder No. 2..	2 3 6 7 9 13 14 17 18 19 23 26 29 31 32 35 36 37 43 45 48 49 52 53 56 57 59 61 64 65 69 71 72 73 75 76 78 79 81 84 86 92 95 96 123 124 125 128 132 134 137 142 152	1 28 38 46 47 62 87 127 135 138
Hook and Ladder No. 3..	4 8 21 24 25 27 39 42 47 51 54 63 67 68 82 83 85 93 94 97 98 126 129 141	5 12 15 16 34 41 58 74 89 91 121 136

GENERAL ORDERS,

Issued upon Establishing the Revised Code of Fire Alarm Signals.

OFFICE OF CHIEF ENGINEER, B. C. F. D.
BALTIMORE, August 1st, 1871.

General Orders:

No. 1. When a First Alarm is given, all members of this Department whose Companies do not respond, will report at their respective Engine and Truck Houses prepared for duty, and if not relieved by the Recall Signal, or required for active duty during thirty minutes, will answer roll call and be dismissed by their respective Foreman.

No. 2. After a First Alarm is given, and before the Recall Signal is Struck, all the remaining Engine Companies in that district, together with the nearest Hook and Ladder Company, will answer a new alarm from any other Station therein. Should two Hook and Ladder Companies be in service at a First Alarm, the remaining Hook and Ladder Company will answer a new alarm from any other Station in the City until the Recall is struck, from No. 1 Truck House.

No. 3. When the same Station is struck a second time previous to the Recall, it will be considered as a *Second Alarm* and be answered accordingly. When another Alarm comes from the Station first struck, *after the Recall*, it will be considered as a First Alarm and be answered accordingly.

No. 4. After a Second Alarm is struck and before the Recall is given, all Engine and Hook and Ladder Companies which have not responded, will, in case of a new alarm, answer any other Station in the City—No. 5 Engine Company from No. 3 Engine House, No. 8 Engine Company from No. 1 Engine House, and the unemployed Hook and Ladder Company from No. 1 Truck House.

No. 5. The Recall Signal is 3-4-5, followed by the number of the Station from which the Alarm is received, and will be understood as an order for dismissing the men attached to Companies awaiting special orders *connected with that Station*, and for the resumption of such Companies of their attendance upon their First Alarm Station List.

No. 6. The General Alarm and Company Signals are retained until further orders.

H. SPILMAN, *Chief Engineer.*

Location of Fire Plugs.

Aisquith and Jefferson streets	No.	1
Aisquith and Orleans		2
Aisquith and Mullikin		3
Aisquith and Holland		4
Aisquith and Fayette		5
Aisquith and Madison		6
Aisquith and Gay		7
Aisquith and Chase		8
Aisquith and Chew		9
Aisquith and Eager		10
Aisquith and Biddle		11
Albemarle and Trinity		12
Albemarle and Pratt		13
Albemarle and Plowman		14
Albemarle and Lombard		15
Alice Ann and Broadway		16
Alice Ann and Wolf		17
Alice Ann and Washington		18
Alice Ann and Chester		19
Alice Ann and Ann		20
Alice Ann and Bond		21

Ann and Fayette.....No. 22
Ann and Thames..... 23
Ann and Hampstead..... 24
Ann and Orleans..... 25
Ann and Eastern avenue..... 26
Ann and Pratt streets..... 27
Anthony and Caroline..... 28
Allison alley and Dock street..... 29
Almshouse..... 30
Baltimore and Front..... 31
Baltimore and High..... 32
Baltimore and Harrison..... 33
Baltimore and Frederick..... 34
Baltimore and Gay..... 35
Baltimore and South..... 36
Baltimore and Calvert..... 37
Baltimore and Charles..... 38
Baltimore and Hanover..... 39
Baltimore and Liberty..... 40
Baltimore and Eutaw..... 41
Baltimore and Green..... 42
Baltimore and Pearl..... 43
Baltimore and Fremont..... 44
Baltimore and Stricker..... 45
Baltimore and Paca..... 46
Baltimore and Sharp..... 47
Baltimore and Carey..... 48
Baltimore and St. Paul..... 49
Baltimore and Choptank..... 50
Baltimore and Washington..... 51
Baltimore and Broadway..... 52
Baltimore and Bond..... 53

Baltimore and Caroline..... .....No. 54
Baltimore and Happy alley..... 55
Baltimore and Dewberry alley..... 56
Baltimore and Gilmore..... 57
Baltimore and Fulton..... 58
Baltimore and Mount..... 59
Baltimore and Calverton road..... 60
Broadway and Eastern avenue..... 61
Broadway and Gough..... 62
Broadway and Bank..... 63
Broadway and Lombard..... 64
Broadway and Hampstead..... 65
Broadway and Pratt..... 66
Broadway and Fayette..... 67
Broadway and Jefferson..... 68
Broadway and Monument..... 69
Broadway and Gay..... 70
Bond and Pratt..... 71
Bond and Lombard..... 72
Bond and Jefferson..... 73
Bond and Thames..... 74
Bond and Fayette..... 75
Bond and Lancaster..... 76
Bond and Bank..... 77
Bond and Chase..... 78
Bond and Madison..... 79
Bond and Monument..... 80
Bond and Chew..... 81
Biddle and Madison..... 82
Biddle and McCullough..... 83
Biddle and Pennsylvania avenue..... 84
Biddle and Tessier..... 85

Biddle and Ross.....No. 86
Biddle and George..... 87
Biddle, between Ross and Tessier..... 88
Buren and Liberty alley..... 89
Boyd and Parkin..... 90
Boyd and Poppleton..... 91
Burch and Wolfe..... 92
Burch and Bertrell..... 93
Bolton and Sheat alley..... 94
Bolton and Preston streets..... 95
Brune and George..... 96
Bank lane and Calvert street..... 97
Belair avenue extended..... 98
Barre street, No. 2 Engine House..... 99
Burgundy alley and Little Green street..... 100
Bank lane, between Calvert and St. Paul streets..... 101
Balderston street near Charles..... 102
Charles and Cross..... 103
Charles and Hamburg..... 104
Charles and Henrietta..... 105
Charles and Montgomery..... 106
Charles and Hill..... 107
Charles and Barre..... 108
Charles and Camden..... 109
Charles and German..... 110
Charles and French alley..... 111
Charles and Bank lane..... 112
Charles and Lexington streets..... 113
Charles and Cathedral alley..... 114
Charles and Hamilton streets..... 115
Charles and Pratt..... 116
Charles and Eager..... 117

Charles and Greenway alley.....No. 118
Charles and Bull Dog alley..... 119
Charles and Madison streets..... 120
Canal and Chase..... 121
Canal and Biddle..... 122
Canal and John..... 123
Canal and Eager..... 124
Canal and Madison..... 125
Canal and Union alley..... 126
Canal and Chew streets..... 127
Canal and Bergen alley..... 128
Canal and Lombard streets..... 129
Canal and Bank..... 130
Canal and Gough..... 131
Canal and Pratt..... 132
Canal and Granby..... 133
Chase and Morton alley..... 134
Cathedral, between Monument and Madison streets.... 135
Cathedral street and Cathedral alley..... 136
Cathedral street and Napoleon alley..... 137
Cathedral street and H alley..... 138
Cathedral street and F alley..... 139
Cathedral street and Hamilton alley..... 140
Cathedral street and Tyson alley..... 141
Cathedral street and Bull Dog alley..... 142
Cross street market..... 143
Cross and William streets..... 144
Cross and Light..... 145
Cross and Sharp..... 146
Cross and Hanover..... 147
Cross and Warner..... 148
Cross and Leadenhall..... 149

Cross and Johnson.....No. 150
Canton avenue and Cambridge..... 151
Canton avenue and Broadway..... 152
Canton avenue and Eden street..... 153
Canton avenue and President street..... 154
Calvert and Lexington streets..... 155
Calvert and Lombard..... 156
Calvert and Fayette..... 157
Calvert and Saratoga..... 158
Calvert street and Battle Monument, (2)..... 159
Calvert, near Mercer street..... 160
Concord and Hawk..... 161
Concord and Pratt..... 162
Caroline, near Chase..... 163
Caroline and Bank..... 164
Caroline street and Union alley..... 165
Caroline and Jefferson streets..... 166
Caroline and McElderry..... 167
Caroline and Gough..... 168
Centre street and Lerew's alley..... 169
Calhoun and Booth streets..... 170
Columbia and Emory..... 171
Chatsworth and Sarah Ann..... 172
Columbia and Little Green..... 173
Columbia and Poppleton..... 174
Columbia and Scott..... 175
Chester and Hampstead..... 176
Chester street and Cockey alley..... 177
Camden and Howard streets..... 178
Camden and Sharp..... 179
Camden and Hanover..... 180
Camden and Paca..... 181

Commerce street and Exchange Place.....No. 182
Conway and Sharp streets..... 183
Canton avenue and Bond street..... 184
Calverton road, near Frederick road..... 185
Chase, between Caroline and Eden streets..... 186
Cheapside, near Water street..... 187
Chesapeake and Hudson street..... 188
Chesapeake and O'Donnell..... 189
Courtland and Mulberry..... 190
Cable and Patterson..... 191
Centre Fish Market..... 192
Chatsworth, between Townsend and Mosher..... 193
Davis and Pleasant..... 194
Davis and Centre..... 195
Davis and Monument..... 196
Davis and Foundry..... 197
Dark lane..... 198
Dark lane and St. Paul street..... 199
Dallas and Gough..... 200
Dolphin street and Mason's alley..... 201
Dolphin street and Jourdon allley..... 202
Dolphin and Division streets..... 203
Dolphin street and Jenkins' alley..... 204
Dolphin street and Morris alley..... 205
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RULES AND REGULATIONS

FOR THE GOVERNMENT OF THE

Baltimore City Fire Department

RULES AND REGULATIONS

FOR THE GOVERNMENT OF THE

BALTIMORE CITY FIRE DEPARTMENT.

ARTICLE I.—*Duties of the Chief Engineer.*

The Chief Engineer shall be present at all fires or alarms, fully equipped, and shall have the sole direction of the operations of the department; he shall be liable to a fine of Three Dollars for non-attendance. It shall be his duty to visit the several houses at least once each week, and see that the Houses, Apparatus, Horses, &c., are in proper condition, and the men at their posts, and should he find anything out of order, or any member derelict in his duty, he shall have authority to suspend him, but must at once report the matter to the President of the Board for his action. All reports made to him by the Officers, or any other matters that may come to his knowledge, shall be reported in writing to the Board, or in its recess to the President, as soon as possible.

He shall exercise all power and authority which is conferred upon him by virtue of "An ordinance, entitled an ordinance to provide for the reorganization of the Fire Department of the City of Baltimore, approved February 21, 1868."

ARTICLE II.—*Duties of the Assistant Engineers.*

It shall be the duty of the Assistant Engineers to attend all fires or alarms, fully equipped, in their respective districts, or be subject to a fine of Three dollars. They shall visit each

house at least once each day, and see that the Houses, Apparatus, Horses, etc., are in good order, and the members at their posts, and shall make daily written reports of the same to the Chief. They shall examine all requisitions presented by the Foreman, and if approved, shall endorse and transmit the same to the Chief for his approval; they shall have authority to suspend any member for misdemeanor, but must report the matter to the Chief as soon as possible.

In the absence of the Chief, the Assistant in whose district the fire or alarm of fire occurs, shall have authority to exercise all the power granted to the former. In the absence of the Chief and Assistant of the district, the Assistant of the other district, if present, shall have command of the department.

ARTICLE—III. *Duties of the Foremen.*

It shall be the duty of the Foremen to be present at all fires or alarms in their district, fully equipped. They shall visit their several houses at least once each day, between the hours of 6 A. M. and 6 P. M., and see that the Houses, Apparatus, Horses, and all things belonging thereto are kept neat and clean, and in order at all times for immediate use. In the absence of the Foreman, the Engineman or Tillerman, as the case may be, shall have charge and exercise his authority. They shall preserve good order and discipline in their respective companies at all times. There shall be a book provided for them, in which they shall enter the time of admission, age, residence, occupation, suspension and discharge of each member, and all absence and tardiness of the same, and an account of all property entrusted to their care. They shall make monthly statements in writing of the condition of the Houses, Apparatus, Horses, etc., with an estimated list of all supplies required

for the ensuing month. They shall report in writing to the Assistant Engineer any dereliction of duty or violation of the rules by the members. They shall have the authority to suspend any member for intoxication but for no other cause, and must report the same to the Assistant Engineer at once.

In the absence of the Chief Engineer and both Assistant Engineers, the Foreman first arriving on the fire-ground, shall have command and be obeyed accordingly. If a first alarm of fire be given from a station which his company does not attend upon that alarm, he shall proceed to his Engine or Truckhouse, remain thereat thirty minutes, unless recalled or called into service, call the roll, note the absentees, and dismiss the firemen. The Foreman shall recommend for appointment Eight substitutes for their respective companies, as provided in Article 9 of these regulations.

Article IV.—*Duties of the Enginemen.*

It shall be the duty of the Enginemen to accompany their Engines at all times to fires and alarms, remain with and operate the same. They shall give their entire time and attention to the Department, and do such repairs as may be allotted to them. They shall be on duty at their respective houses at all times, with the exception of meal times, unless relieved by Substitute, who must be a person competent to perform the duty required of his principal, and who must be reported to and approved by the Foreman, Assistant and Chief Engineers, prior to leave of absence being given; for absence from their Engines during an alarm of fire, without order or permission, the fine shall be five dollars if the Engine is not in service, and if in Service he shall be dismissed from the department. All apparatus used for the extinguishment of fires, upon the premises

of an Engine Company will be considered as in his charge, under the supervision of his Foreman, and he shall be responsible to him for the safe keeping and effective condition of the same.

ARTICLE V.—*Duties of the Assistant Enginemen.*

The Assistant Enginemen shall be on duty at all hours, except those allotted to meals, and shall discharge all the duties appertaining to their positions during the time the apparatus is in service, they shall keep the Houses, Hose and Carriages in proper and cleanly condition, and their entire time and service shall be rendered to the department. They shall drive the Hose Carriages going to and returning from a fire, and shall perform all duty connected with the firing of their Engines and assisting the Engineman, that may be required.

Leave of absence may be granted on the same conditions as are prescribed in Article 4, of these regulations.

ARTICLE VI.—*Duties of the Hostlers.*

The Hostler shall have charge of and accompany the Horses to all fires and alarms, and shall keep their Horses, Harness, Stables, etc., in good condition and always ready for service, and shall be on duty all hours, except meal times, and shall give their entire time and service to the department. Leave of absence may be granted on similar conditions as provided in Article 4.

ARTICLE VII.—*Duties of the Tillermen.*

The Tillermen, in addition to their duties as Laddermen of the Truck Companies, shall have charge of and keep in good order and condition their Houses, Trucks, Ladders, etc., and

shall have them at all times ready for service. They shall be on duty at all hours, except meal times, and shall give their entire time and services to the department. Leave of absence may be granted on similar conditions as provided in Article 4.

ARTICLE VIII.—*Duties of the Firemen and Laddermen.*

It shall be the duty of each Fireman and Ladderman upon a first alarm of fire, provided his company responds thereto, to repair with all possible speed to the locality of the fire, report himself to his Foreman, and perform such duties as may be required of him. If his company does not respond thereto, he will proceed to his Engine or Truckhouse, report to his Foreman, and remain for thirty minutes unless sooner called into service. In case of sickness, or absence from the city, the Foreman shall appoint in his place a Substitute.

The Foreman shall number his Firemen or Laddermen, and shall select one-half alternately, who shall remain in the house each and every night; any Fireman absenting himself on his night, without having a Substitute in his place, shall be fined $1.00. Each and every Fireman must at all times be equipped on the fire-ground, or be marked "absent." Absence from a fire or alarm during the month will subject the party to a fine of $1.00 for the first time, $2.00 for the second, $5.00 for the third, and the fourth dismissal.

ARTICLE IX.—*Substitutes.*

The Foremen are authorized to name to the Board eight suitable persons to act as Substitutes, who, when on duty, shall receive the same pay as Firemen, to be deducted from the monthly wages of the party for whom they are acting.

The Board will furnish suitable badges for the substitutes, which must be worn at all fires or alarm. The Foreman shall number each substitute from one to eight, and in case of the absence of any Fireman, he shall appoint them alternately. They shall have permission to wear the equipments of the company to which they are attached, and shall be subject to all the regulations provided for the government of the same. No Substitute can be assigned to duty in place of his principal, during the time of a fire or alarm of a fire.

Article X.—*House Regulations.*

1. No spirituous, vinous or malt liquors shall be permitted upon the premises of any Engine or Truckhouse in this department.

2. All card playing, political or religious discussion, profane swearing or wrangling, is expressly prohibited.

3. No smoking will be allowed in the Sleeping Rooms.

4. Regular men or Substitutes to whom beds are assigned, will be required to keep the same neat and clean, and will be expected to retire at or before eleven P. M., unless good excuse be given the Foreman.

5. The Assistant Enginemen and Hostlers are required to assist each other generally, when it can be done without interfering with their specific duties.

6. Minors and loungers, not connected with the department, will not be permitted upon any company's premises.

7. From April 1st to October 1st, the Horses must be fed at or before 5½ o'clock, A. M.; and the Hostlers will be required to finish breakfast and return to their duties on or before 7 o'clock, A. M. One hour is allowed for meals.

8. Horses and Houses must be cleaned, and be ready for service at or before 10 o'clock, A. M.

9. After 10 o'clock, A. M. the Housemen will appear in their uniforms, except when the regular performance of their several duties renders it impracticable.

10. The Sleeping Rooms must not be used for sleeping purposes after 6 o'clock, A. M.

11. From October 1st to April 1st, One hour may be added to the foregoing time table.

12. One Hour shall be the allotted time for the Housemen to procure their meals; any question of precedence shall be decided by the Foreman, but so arranged that not more than one Houseman be permitted to leave the House at a time, there being at all hours not less than two upon duty.

13. Should an alarm of fire occur to interfere with the foregoing time table, as much thereof as may be absolutely necessary will be considered for the time suspended.

Article XI.—*General Regulations.*

1. All the employees of this department are strictly required in their intercourse with each other, social and official, at fires or elsewhere, to observe a courteous demeanor, and officers and men in addressing each other will be careful to employ the surnames of those to whom they are speaking, and in a respectful manner. While on duty at fires the greatest degree of silence compatible with the efficient discharge of duty, will be required, and any noisy conversation or boisterous conduct will be the cause for censure of the Board.

2. No Houseman or Fireman will be permitted to attend alarms of fire unless uniformed or equipped, except in cases of necessity, nor will they be permitted to frequent drinking houses, while wearing the uniforms or equipments of the department.

3. Any member employing a Substitute and failing to pay him, will be subject to dismissal.

4. The men are required to move quickly and obey the orders of their officers promptly, and without criticism.

5. Within one minute after the striking of the Station number upon the gong, each Company will be ready to start, and if required for service must be out of the house within one and a half minutes after the first round has been struck.

All requisitions, reports and other communications intended for the Chief Engineer or Board of Fire Commissioners, must be made in writing by the Foreman of the Company, who shall promptly transmit the same through the Assistant Engineer to the Chief.

Article XII.—*Equipments.*

The fire equipments are as follows:

Chief Engineer, a white leather fire hat, New York pattern and white frontispiece, with "Chief Engineer" thereon, or at pleasure, a white enamelled leather fatigue cap, navy pattern with white frontispiece, having "Chief Engineer" thereon, and drab gum overcoat.

Assistant Engineers, a white leather fire hat, New York pattern with white frontispiece, having thereon the words "Assistant Engineer;" and drab gum coats.

Foremen, a white leather fire hat, New York pattern with black leather front, having thereon the name of the office and number of the Company, grey flannel shirt and black gum coat.

Firemen and Laddermen, a black leather fire hat, New York pattern with black front, having thereon the number of the company, grey flannel shirt and black gum coat.

Article XIII.—*Uniforms.*

The undress uniform of the Chief Engineer and Assistant Engineer shall consist of a double-breasted frock coat of blue

cloth, and vest and pants of the same material, and blue navy cap with the department buttons thereon—the cap to be provided with a black oiled silk cover, which is to be worn thereon only in bad weather.

The uniform of the Housemen shall consist of a single-breasted sack coat of blue cloth, and vest and pants of the same material, with the department buttons, the same to be worn at all times except when cleaning up.

Article XIV.—*On Parade.*

The uniform of the Chief and Assistant on parade shall be the fire caps, a grey frock coat with cape of the same material reaching to the tip of the elbow, white metal buttons with the letters B. C. F. D. thereon, black pants, buckskin gloves and white belts.

The uniform of the Foreman shall be a white fire cap, grey frock coat with cape of the same material reaching to the tip of the elbow, white metal buttons with the letters B. C. F. D. thereon, black pants, black belts and buff gauntlets.

The uniform of the Enginemen, Assistant Enginemen, Tillermen and Hostlers, shall be the same as the Foremen, except the hat, which shall be black.

The parade uniform of the Firemen shall be black fire hat, grey coat, belt and buff gauntlets.

ORDINANCES

RELATING TO A

Paid Fire Department,

FOR THE CITY OF BALTIMORE.

AN ORDINANCE

TO PROVIDE FOR THE

Reorganization of the Fire Department.

OF THE CITY OF BALTIMORE.

SECTION 1. *Be it enacted and ordained by the Mayor and City Council of Baltimore*, That immediately after the passage of this ordinance, there shall be appointed, in the same manner as other city officers are appointed, five citizens of Baltimore, of good character, to serve as Fire Commissioners in the place of those at present constituted as such, and said Commissioners, when appointed, shall draw for their respective term of office, say two for the term of four years, and three for the term of two years; and every second year thereafter, in the month of February, there shall be appointed in the same manner two or three persons, as the case may be, who shall serve for the term of four years.

SEC. 2. *And be it enacted and ordained*, That in case of the death, resignation, disqualification or removal of, or the neglect or refusal to perform the duties incumbent upon their offices, by any or all of said Commissioners, the Mayor shall proceed at once to fill such place or places by a new appointment in the usual manner.

SEC. 3. *And be it enacted and ordained*, That the said Fire Commissioners shall have the appointment of and entire control over all other employees and property of the Fire Department, in conformity with this ordinance, and are held strictly accountable therefor to the Mayor and City Council, by whom, upon conviction of dereliction of duty, malfeasance in office, or violation of any of the provisions of this ordinance, they shall be removed from office. They shall keep a correct record of their proceedings, subject at all times to the inspection of the Mayor and City Council, and shall annually, in the month of January, prepare an accurate report of the state of the Department, 250 copies of which shall be printed for the use of said Mayor and City Council. They shall have authority to fit up and appropriate to the use of themselves and the Engineers, suitable rooms, centrally located, the necessary expenses of which shall be defrayed out of the funds appropriated for the use of the Department; and they shall have authority to draw upon the City Register for such sum or sums of money as they may from time to time require, not exceeding the appropriations which may be made for the use of the Department.

SEC. 4. *And be it enacted and ordained*, That the Fire Commissioners shall, during the occurrence of fires or alarms of fires, have authority for themselves, and the power to delegate to the Chief Engineer, or his Assistants, the authority to control all persons and property in the vicinity of a fire during the continuance thereof; provided that the exercises of such authority does not conflict with any law of the United States or of the State of Maryland.

SEC. 5. *And be it enacted and ordained*, That the Fire Department of the City of Baltimore shall consist of five Fire Commissioners, one Chief Engineer, two Assistant Engineers, one

Clerk, seven Engine Companies, each consisting of one Foreman, one Engineman, one Assistant Engineman, one Hostler and eight Fireman, and two Hook and Ladder Companies, each consisting of one Foreman, one Tillerman, one Hostler and ten Laddermen, all of whom shall be of good character, and except those specially provided for in section 1st, of this ordinance, shall be appointed by the Fire Commissioners, and shall be entitled to retain their respective positions for such time as they evince willingness and capacity to discharge the duties pertaining thereto efficiently, harmoniously with their associates, and satisfactorily to the Fire Commissioners. Said employees shall not be subject to removal on account of any political, religious or other sentiment entertained by them, so so long as said opinion or sentiment does not interfere with the faithful and efficient discharge of their respective duties as employees of ths Fire Department.

Sec. 6. *And be it enacted and ordained*, That the salaries of the employees of this Department shall be as follows:

The Chief Engineer, $1,500 per annum, payable monthly; the Assistant Engineers, each $1,100 per annum, payable monthly; the Clerk, $1,200 per annum, payable monthly; the Foremen, each $500 per annum, payable monthly; the Enginemen, each $1,100 per annum, payable monthly; the Assistant Enginemen, each $900 per annum, payable monthly; the Tillermen and Hostlers, each $900 per annum. payable monthly; the Firemen, each $400 per annum, payable monthly.

Sec. 7. *And be it enacted and ordained*, That the property of each Engine Company shall consist of not less than one steam fire engine, one hose carriage, one thousand feet of hose, and four horses, together with all the minor accessories for effectual service; and the property of each Hook and Ladder Company

shall consist of not less than one ladder truck, with all necessary ladders and implements, and three horses.

SEC. 8. *And be it enacted and ordained*, That it shall be the duty of the members of the Police Department, in the district in which the fire may occur, to communicate the fact to the Central Station, by means of the signal box in the district in which the fire may be, in accordance with the rules and regulations governing the signal boxes, and the number of the signal box from which the alarm proceeded; and when a police officer has an alarm bell in his district, it shall be his duty to ring the same by striking the location as indicated by the Fire Alarm Telegraph.

SEC. 9. *And be it enacted and ordained*, That should any person or persons injure, deface, or in any manner destroy, any fire apparatus or property of the Fire Alarm Telegraph, or should any person or persons hinder or obstruct any city Fire Company or Hook and Ladder Company, or any member thereof, from freely passing along the streets of the city, to or from a fire, or in any manner hinder and prevent any of the said Fire Companies, or any member of the same from operating at any fire, each and every person or persons so hindering, obstructing or preventing, shall be fined not less than five dollars nor more than twenty dollars, to be recovered as any other city fines are recovered, one-half to the informer, the other half to the city.

SEC. 10. *And be it enacted and ordained*, That should any person or persons knowingly give or cause to be given, any false alarm of fire by means of the telegraph boxes connected with the Fire Alarm Telegraph, he, she, or they shall be subject to a fine of not less than one hundred dollars nor more

than two hundred dollars, to be recovered as other fines are recoverable.*

SEC. 11. *And be it enacted and ordained*, That authority is hereby given to the Chief Engineer of the Fire Department, in his discretion, and with the approbation of the Mayor, to offer a reward of one hundred dollars, or less, for the apprehension and conviction of any person or persons who shall knowingly give, or cause to be given, any false alarm of fire by means of telegraph boxes connected with the Fire Alarm Telegraph.

SEC. 12. *And be it enacted and ordained*, That should any person or persons, unauthorized, have in his or their possession, make, or cause to be made, any key or keys of any fire engine or truck-house, or Fire Alarm Telegraph box, or use, or cause to be used the same, except the Mayor, Fire Commissioners and Chief Engineer, without the consent of the proper authority, he, she or they shall be subject to a fine of not less than one hundred dollars, and not more than two hundred dollars, to be recovered as other fines are recoverable.

SEC. 13. *And be it enacted and ordained*, That should any person or persons, not a member of the City Fire Department, use the uniform determined upon by the Fire Commissioners, or any part thereof, without their permission, such person or persons shall each be fined not less than "five dollars," nor more than "twenty dollars," for each and every offence, to be recovered as other city fines are recovered.

SEC. 14. *And be it enacted and ordained*, That this ordinance shall go into effect immediately after its passage.

*The fine imposed by this section has been recently increased, so that now each fine is to be not less than three nor more than five hundred dollars.

SEC. 15. *And be it enacted and ordained*, That all ordinances or parts of ordinances, inconsistent with the provisions of this ordinance, be, and the same are hereby repealed.

ROBERT T. BANKS, *Mayor.*

Approved February, 1868.

An Ordinance Supplementary to an Ordinance, to Ordinance No. 7, entitled "An Ordinance to provide for the Reorganization of the Fire Department of the City of Baltimore," approved February 21, 1868.

SECTION 1. *Be it enacted and ordained by the Mayor and City Council of Baltimore*, That the Fire Department of the City of Baltimore be increased by the addition of one company, to consist of one foreman, one engineman, one assistant engineman, one hostler and eight firemen, who shall be appointed in like manner, and receive the same salaries as is provided in the ordinance to which this is a supplement, for the officers and men of the same grade.

SEC. 2. *And be it enacted and ordained*, That the property of said company shall consist of not less than one steam fire engine, one hose carriage, one thousand feet of hose and four horses, which shall be purchased by the Fire Commissioners.

SEC. 3. *And be it enacted and ordained*, That the Joint Standing Committee on the Fire Department, together with the Fire Commissioners, be, and they are hereby, authorized and directed to buy or lease a suitable lot for the erection of the additional engine house, rendered necessary by the provisions of this ordinance, or to purchase or lease any improved lot or lots suitable for this purpose, provided the said lot or lots shall be located west of Paca street and north of Baltimore street.

SEC. 4. *And be it enacted and ordained*, That the City Commissioner be, and is hereby, authorized and directed to have such house built upon the lot so bought or leased as may be necessary in his judgment for the purpose of carrying into effect the provisions of this ordinance.

SEC. 5. *And be it enacted and ordained*, That the sum of twenty-one thousand dollars, or so much thereof as may be necessary, be, and the same is hereby, appropriated for the purchase or leasing of said lot and the building of said house, and the purchasing of the fire apparatus and horses, to be taken out of any money in the Treasury not otherwise appropriated.

SEC. 6. *And be it enacted and ordained*, That this ordinance shall take effect from the date of its passage.

ROBERT T. BANKS, *Mayor.*

Approved July 9, 1869.

An Ordinance supplementary to an Ordinance (number seven) entitled, "An Ordinance to provide for the Reorganization of the Fire Department of the City of Baltimore," approved February 21, 1868.

SECTION 1. *Be it enacted and ordained by the Mayor and City Council of Baltimore*, That the Fire Department of the City of Baltimore shall be increased by the addition of two engine companies and one hook and ladder company; each of the engine companies to conist of one foreman, one engineman, one hostler and eight firemen; and the hook and ladder company to consist of one foreman, one tillerman, one hostler and ten laddermen, all of whom shall be appointed in like manner and receive the same salaries as is provided in the Ordinance to which this is a supplement, or the supplements thereto, for the officers and men of the same grade.

SEC. 2. *And be it enacted and ordained*, That the property of each of said engine companies shall consist of not less than one steam fire engine, one hose carriage, one thousand feet of hose and four horses; and that the property of the said hook and ladder company shall consist of not less than one ladder truck, with all necessary ladders and implements, and three horses, all of which properties shall be purchased by the Fire Commissioners.

SEC. 3. *And be it enacted and ordained*, That the Fire Commissioners be, and they are hereby, authorized and directed to buy or lease suitable lots for the erection of the additional engine houses rendered necessary by the provisions of this Ordinance, or to purchase or lease any improved lots suitable for this purpose; provided one of the said engine houses be located in the Northeastern section, and the other in the Southwestern section of the city.

SEC. 4. *And be it enacted and ordained*, That the City Commissioner be, and he is hereby authorized and directed to have such houses built upon the lots so bought or leased, as may be necessary in his judgment for the purpose of carrying into effect the provisions of this ordinance.

SEC. 5. *And be it enacted and ordained*, That the sum of fifty thousand dollars, or so much thereof as may be necessary, be, and the same is hereby appropriated for the purchase or leasing of said lots and the building of said houses, and the purchasing of the fire apparatus and horses, to be taken out of the levy of eighteen hundred and seventy-one.

SEC. 6. *And be it enacted and ordained*, That this Ordinance shall take effect from the date of its passage.

ROBERT T. BANKS, *Mayor*.

Approved November 7, 1870.

An Ordinance entitled an Ordinance to amend Section 6, *Article* 19, *Baltimore City Code, title "Fire," sub-title "Ordinances Fire Department."*

SECTION 1. *Be it enacted and ordained by the Mayor and City Council of Baltimore*, That the salary of the Chief Engineer of the Baltimore City Fire Department, shall be two thousand dollars per annum, payable monthly; and the salaries of the Assistant Engineers shall be each fourteen hundred dollars per annum, payable monthly.

SEC. 2. *And be it further enacted and ordained*, That all ordinances inconsistent with this ordinance be, and the same are hereby repealed, and that this ordinance shall take effect from and after the date of its passage.

JOSHUA VANSANT, *Mayor.*

Approved April 8, 1872.

Resolution to erect an Engine House in South Baltimore, also one at Canton, and also one near the junction of Fremont and Chatsworth streets.

Resolved by the Mayor and City Council of Baltimore, That the Board of Fire Commissioners, in conjunction with the Mayor and Inspector of Public Buildings, be and they are hereby directed and authorized to secure a suitable lot of ground and erect an Engine House thereon, and equip a full company with Engine, Hose Carriage, Hose, Horses, &c., in South Baltimore, somewhere about West and Light Streets, as they may determine best.

Resolved further, That they also be directed and authorized to secure a suitable lot at Canton and erect thereon an Engine House and equip a full company, with Engine, Hose Carriage, Hose, Horses, &c.

Resolved further, That they be authorized and directed to secure a suitable lot in the north-western section of the city, near the junction of Fremont and Chatsworth streets, and erect thereon an Engine House, and equip a full company with Engine, Hose Carriage, Hose, Horses, &c.

Resolved further, That the sum of sixty thousand dollars, ($60.000) or so much thereof as may be necessary, be and the same is hereby appropriated to carry out the above resolutions, to be provided for in the levy of 1874, and that the work be given out to the most responsible bidders, in such manner as the proper authorities of the city may adjudge.

Approved July 8, 1873.

JOSHUA VANSANT, *Mayor.*

ANNUAL REPORT

OF THE

CITY COMMISSIONER

TO THE

Mayor and City Council of Baltimore,

FOR THE

Year ending October 31st, 1874.

REPORT.

CITY COMMISSIONER'S OFFICE,

Baltimore, November 1st, 1874.

To the Honorable the Mayor and
City Council of Baltimore.

GENTLEMEN:

The following is respectfully offered as the annual report of the operations of this department for the fiscal year ending 31st October, 1874, as required by ordinance.

GRADING AND PAVING NEW STREETS AND REPAVING STREETS.

By reference to Table C, herewith submitted, it will be seen that during the last twelve months we have added 367,655 superficial feet to the paved streets of the City, being an increase of 198,846 superficial feet over the corresponding period of last year.

By an act of the late Legislature of Maryland, the powers of the Mayor and City Council in relation to the paving and repaving, &c. of streets were enlarged so that they can control the same without waiting for the assent of property holders representing a majority of the front feet. This authority enables the Mayor and City Council to compel the grading and

paving of streets which have been condemned as public highways, but which have been kept close for all practical purposes under the restrictions of the old law, which required applications representing a majority of the front feet binding on the same before they could be graded, kerbed or paved. By virtue of this law, the City Council passed a general ordinance regulating the establishment of grades, and the grading, kerbing and paving of streets, in which a provision was introduced permitting private contracts to be made for the paving, &c., of streets, on application from the owners of all the property binding on the same, provided permission should be first had from the City Commissioner, and bond given that the work should be done in accordance with the requirements of the ordinance. This is a valuable feature in connection with our system for paving streets, as it allows property holders to make their own contracts at such rates as are satisfactory to them.

The Mayor and City Council have ordered a number of streets and alleys to be paved under the authority of this act of the Legislature. Several of them have been completed and are now used as thoroughfares, others are now under contract, and the remainder are being prepared for work by the necessary establishment of grades, and the preparation of plats, &c., as rapidly as circumstances and the requirements of the ordinance permit.

Under this act the Mayor and City Council are authorized to repave the old streets, lanes and alleys, many of which need it very much.

A number of the streets in the central or busy portion of the City are completely worn out, and unfit to be repaired, owing to the great traffic over them, and which is constantly increasing. The old cobble stones, in fact, are inadequate to the severe tests imposed upon them, necessitating the adoption of a more durable and substantial mode of paving. Other cities—partic-

ularly Philadelphia and New York—after trying all the new modes of paving, have settled down on the granite block, or Belgian pavement, which I am pleased to say we are now introducing into our City in repaving Light street, between Lee and Pratt streets. I have no doubt of its giving satisfaction, when compared with other kinds of pavement, as to durability and economy.

The repairs of paved streets have been as well kept up as the appropriation would allow. It must be remembered that for many years no streets have been *repaved*, hence the expense for repairs must necessarily increase, from the fact that much money that should go to the "repaving" is charged to the "repair" account. When compared with other cities of about the same magnitude, the cost of repairing our streets is fifty per cent. less—being less than one-sixth of a cent per square foot—and in most cases our streets are kept in better condition.

Notwithstanding the rapid growth of the City during the last eighteen or twenty years, and the increased value of material and cost of labor, our expenses for the repair of paved streets have, on an average, been less than in the years from 1855 to 1858, inclusive. In 1856 the cost was $67,654, being about $12,000 more than the amount expended on this account during the last fiscal year. From this it is evident that a more liberal appropriation should be made on this account for the coming year, which would enable us to extend the work more generally and embrace the adjusting and re-setting of kerbs and gutters, and the repairs of alleys.

To complete the improvement for the proper distribution of the large quantity of surface water which heretofore accumulated at the intersection of Aliceanna and Ann streets, and at Ann and Lancaster streets, much to the detriment of adjacent property during heavy rains, the grade at the intersection of Ann

and Lancaster streets was so altered as to allow part of the water to continue its course down Ann street to the river, thereby relieving Lancaster street of the liability to overflows. This alteration of the grades at Ann and Lancaster streets, in addition to the change made last year at Ann and Aliceanna streets, has brought about a very desirable and appreciable improvement in that locality.

I regret to say that the property holders on North avenue between Pennsylvania avenue and Jones' Falls, have not availed themselves of the provision of an ordinance of the Mayor and City Council, which directs the City Commissioner to grade the centre of said avenue whenever they would set the kerbs and pave a gutter on either side. It is utterly impossible to keep this thoroughfare in good condition until some improve, ments are made by which the drainage can be confined to paved gutters.

This avenue, since the completion of the bridge over Jones' Falls, constitutes one of the principal drives to Druid Hill Park, and ought to be under the control of the City in order that it might be made a more desirable thoroughfare.

REPAIRS AND CONSTRUCTION OF BRIDGES.

No new bridges have been constructed during the year.

All the bridges have received proper attention and repairs, some of them of a very thorough character. Those over Jones' Falls south of Eager street have been kept in a safe condition without resorting to any extra repairs. The probability of those bridges being re-constructed at an early day, in connection with the contemplated improvement of Jones' Falls has been deemed, for the last two or three years, sufficient to warrant this course of economy in their maintenance. A number of them, however, especially the Drawbridge, which has been main-

tained in working order by careful watching, should be re-constaucted without delay.

The drawings and specifications for the iron bridge over Jones' Falls, on the line of John street, are being prepared, and the work will be put under contract as soon as they are completed.

REPAIRS AND CONSTRUCTION OF SEWERS.

The repairs of sewers during the year have been more extensive than formerly, in consequence of the necessity of a thorough and complete overhauling of the Harford Run and other old sewers, which, from the imperfect manner of their original construction, will always be a source of increasing expense to maintain.

The remarks on the alignment and construction of these old sewers in my last annual report might be repeated here, but it is only deemed necessary to refer to them at this time.

The sewer directed to be constructed from the intersection of Eden and Lombard streets to Harford Run at a point just south of Eastern avenue, via Eden and Bank streets and Eastern avenue, has been completed. This sewer is intended to relieve the Harford Run sewer, south of Lombard street, of the surface water heretofore drained into it from Lombard and Pratt streets, which at times overflowed to such an extent as to inundate the cellars in that vicinity. This sewer is circular in form, with a nine inch brick ring, supported by stone cradles, laid in cement in the most substantial manner.

In this connection, I would remark, that in order to complete the system of sewerage of this district, of which this sewer is a part, it will be necessary to construct a sewer either on Ann street, from Baltimore street to the river, or from the intersection of Baltimore and Ann streets down Ann to Lombard, down Lombard to Broadway, and down Broadway to the river. The

latter, on account of the railroad tracks in Ann street, would be more desirable. By this line of sewer the large accumulation of surface water at the intersection of Baltimore and Ann streets, which at times of heavy rains renders those streets almost impassable, and the large amount which overflows the gutters at Ann and Lombard streets, and which, in connection with that which flows down on the east side of Broadway and now finds its way to Harford Run, could be conveyed directly to the foot of Broadway, much to the relief of the lower part of that street, and also to the relief of Lombard street, west of Broadway, and of Ann street, and finally of Harford Run.

"Liberty street sewer," which will be completed by the close of the present year, has been constructed as far north as Baltimore street. Many difficulties had to be overcome in preparing the plans, and in the construction of this sewer, which, for the want of a careful survey prior to the passage of the ordinance directing its construction, were not anticipated. The grade of Howard street, as it approaches the Spring Gardens at the outlet of the sewer, being very low, (about 7½ feet above tide,) together with the gas and water pipes and the tracks of the Baltimore & Ohio Railroad, confined us to certain limits of dimensions, &c., not strictly in keeping with the requirements of the ordinance. Its capacity, however, is quite sufficient to accommodate the drainage of the district for which it is intended—it being about 100 per cent. greater than that laid down in the report of the Sewerage Commission appointed by the Mayor and City Council, per resolution approved 26th September, 1859—and is calculated to discharge at its upper end 160 cubic feet, and at the outfall 280 cubic feet per second. This is equal to a rain-fall of nearly two inches per hour. Should a heavier rain occur, which is very improbable, the surplus water will be conveyed by the side gutters to the outfall at the foot of Howard or Sharp streets. With the completion of this

sewer and the regrading and repaving of Liberty and Howard streets, from Lexington to Camden streets, those streets will be much improved as thoroughfares, and property binding thereon will be considerably enhanced in value. This sewer is also circular from Lexington to Hamburg streets, and from the latter street to the outlet is elliptical in form, in order to obtain the desired capacity without approaching too near to the surface of the street, and in order to get under the gas and water pipes. It is constructed in the most substantial manner, with stone cradles and backing, and brick lining from 9 to 12 inches thick, laid in cement.

As an addition to the system of sewerage of this portion of the City, I would recommend the construction of a sewer from the intersection of Eutaw and Cross streets, along Eutaw street to the Spring Gardens. This sewer would intercept the drainage which now goes down Cross street to the "Liberty street sewer," thus relieving it of a large quantity of water at its outfall.

A sewer from McMechen street, along John to Mosher, and thence to Oliver street, being a continuation of the sewer on Druid Hill avenue and McMechen street, has also been completed of the same material and in like manner as the Liberty street sewer.

The sewer on Ann street was completed last year, with the understanding that the owners of property binding thereon would grade the street over it. This was not done by them, and in consequence it was much injured by a freshet. The repairs required were postponed until, by ordinance of the Mayor and City Council, the grading and paving of Ann street, between Biddle street and Belair avenue, was put under contract, in order to insure proper protection to the sewer. It is now being completed in connection with the grading and paving of the street.

Three large stone culverts on the lines of east Baltimore and Canton streets (two on the former and one on the latter,) over Harris' Creek, have been completed in a most thorough manner, on pile foundations.

The Gap in Harford Run tunnel, from Bond street to Broadway, has been arched over in a substantial manner, and that portion of the arch between Bond and Dallas streets has been re-constructed.

The arching of Chatsworth Run, between King and Pratt streets, between Haw and Fremont streets, and between Sterrett and Cross streets, has been completed with a substantial stone arch.

The ordinance authorizing the construction of the sewer over Chatsworth Run, from Sterrett to West streets, has been complied with so far only as to build it to Cross street, one square short of the line required by the ordinance, in consequence of an effort being made to condemn a water course from Cross street in a more direct line to the outfall at Ostend street.—The importance of the change in the direction of the present water course, I deemed sufficient to defer the construction of this portion of the sewer until final action be had in the matter.

Centre street sewer, between St. Paul and Calvert streets, was partially re-built and repaired during the year. Brick drains were constructed in Low street, from High to Aisquith, and in Front street, from Chestnut street to the "Falls," for the purpose of draining the cellars along their lines.

The open sewer running from Pennsylvania avenue to Division street, north of Wilson street, has been inclosed, and an inlet and sewer constructed across Myrtle avenue, opposite to Greenwillow street, connecting with the Chatsworth Run sewer. The bridge, or open culvert, over Schroeder's Run on the Washington road, was raised, extended and repaired, to meet the

grade of Washington avenue as now being graded and paved. A culvert has also been constructed across Division street over a water course near Bloom street.

A number of the inlets to the sewers have been protected by iron gratings, and such others as are deemed necessary will receive attention. This arrangement will not answer in all cases unless more attention is given to prevent their becoming choaked in heavy rains.

LAMPS AND PILLARS.

During the year we have put up 298 gas, and 258 vapor burning lamps, and renewed 208 broken ones.

We have been enabled by the liberal extension of gas mains, especially in the south and southwestern sections of the City, to supply a demand for lamps that has for some years been a source of general complaint in those localities.

By the introduction of the vapor burning lamps, the alleys, lanes and wharves, in which there are no gas mains, have been to a great extent lighted up, affording a better protection to property and convenience to those who reside in them. Those lamps which at first gave trouble, principally, I think, from inexperience on the part of those who attend to them, have given very general satisfaction during the year.

In connection with the lamps, we have, as directed by ordinance, contracted with Geo. H. C. Perkins for "metallic name plates," or signs indicating the names of the streets, to be placed on all the corner lamps of the City. The work is nearly completed. The want of a general and proper system for indexing the streets has long been felt, and the adoption of these "name plates" will do much to meet it.

FLAG AND STEPPING STONES.

We have laid during the year all the flag and stepping-stones

ordered by the Mayor and City Council, and many others have been laid in places where their want was apparent, with the approbation of the Mayor. This account must necessarily be large for some years to come, or until all the old and narrow flags have been replaced by wider ones, and until they have been supplied at the intersections of streets where none were laid when the streets were paved.

GRANITE BASES AROUND BROADWAY SQUARES.

Two squares in Broadway, lying between McElderry and Madison streets, have been improved by the erection of substantial granite bases and posts, and the extension and paving of the sidewalks, as well as by grading them to top of the bases with good soil.

Jackson Square has also been inclosed with a granite base, and a foundation for a fish pond is being constructed, which, with the grading and paving of the sides, will be completed before the close of the year. These improvements were made in connection with the Commissioners of Broadway and Jackson Squares.

The completion of the granite kerb for the circular inclosure at the intersection of Fulton avenue and Baker street was postponed until the street surrounding it could be paved and graded, so that it might not be subject to displacement and injury.

MISCELLANEOUS.

Iron plates have been placed at the intersections of Eutaw and Fayette, President and Fawn, Calvert and Foundry and Cathedral and Centre (not quite completed) streets, and over the gutters at the Hanover and Lexington markets. The road to Harman's bridge from Stoneman's hill, the Windsor Mill road east and west of Fulton avenue, Point Lane from Green-

mount avenue to Aisquith street, and the Ferry Bar road at different points, have been shelled and repaired.

We have also had portions of N. Ann street, Mine Bank lane, Point lane, and the Washington road, repaired and filled up with coal ashes from the "garbage" carts, which has proved to be quite a success in an economical point of view.

Ornamental bird boxes have been placed in Mount Vernon and Eastern Spring Squares.

The general operations of this deparment have been on a much more extensive scale during the year just closed than in any previous year, and the labors of myself and assistants were increased in a corresponding ratio.

Respectfully submitted,

J. H. TEGMEYER,

City Commissioner.

LIST OF TABLES ANNEXED TO THE CITY COMMISSIONER'S REPORT FOR 1874.

——:o:——

Table A exhibits the amount of appropriations, the amount expended, and the balances due on the several appropriations.

Table B exhibits the amount required for the fiscal year ending 31st October, 1875.

Table C exhibits the number of streets and alleys paved and repaved.

Table D exhibits the amount of superficial feet of paving in the City to 31st October, 1873, and the amount of superficial feet paved during 1874.

Table E exhibits the revenue received in this Department during the fiscal year ending 31st October, 1874.

TABLE A.

Showing the Amount of Appropriations, and the Balances due on the several Appropriations for the year ending 31st October, 1874.

ACCOUNTS.	Appropriations.	Amounts Paid.	Amounts Undrawn.	Amounts Overdrawn.
Repairs of sewers	$6,000 00	$8,464 87	.....	$2,464 87
Flag and stepping stones	20,000 00	19,479 33	$520 67	.....
Lamp pillars and lamps	6,500 00	4,327 59	2,172 41	.....
Repairs of lamps—appropriation $3,500 00				
Paid Register 162 75	3,662 75	3,385 45	277 30	.....
Repairs of paved streets, appropriation $55,000 00				
Paid Register 18 75	55,018 75	56,230 52	.....	1,211 77
Repairs of bridges—appropriation $5,000 00				
Paid Register 67 50	5,067 50	5,608 35	.....	540 85
Paving and repaving in front of city property	3,000 00	2,945 86	54 14	....
Highways and bridges	25,430 13	24,465 30	964 83	.....
Incidentals	300 00	343 45	.....	43 45
Mount Vernon Squares	150 00	150 00	.....	.....
Salaries	7,100 00	6,425 00	675 00	.....

Paving and repaving cross streets	15,000 00	14,727 03	272 97	.....
Liberty street Sewer	85,000 00	39,929 74	45,070 26	.....
Repairing Cross street—resolution No. 375, of 29th October, 1872	7 80	7 80	.....	.....
Sewer in Druid Hill avenue—ordinance No. 50 of 26th April, 1873	3,000 00	3,100 00	.....	100 00
Sewer in Ann street	2,400 00	1,978 78	421 22	.....
Sewer in John and Mosher streets	15,000 00	15,111 75	.....	111 75
Culverts on East Baltimore and Canton streets	9,800 00	8,258 55	1,541 45	.....
Grading intersection of Schroeder street and Edmondson avenue—resolution 297 of 31st May, 1873	250 00	152 35	97 65	.....
Changing grade of Broadway, Ann, &c. streets, ordinance 15 of 31st March, 1873	974 66	974 66	.....	.....
Repairs of unpaved streets	36 00	36 00	.....	.....
Iron plates across gutters at Eutaw and Fayette streets—resolution 414 of 20th October, 1873	1,800 00	1,755 55	44 45	.....
Sewer between Druid Hill avenue and Division street—resolution 386 of 8th July, 1873	400 00	481 24	.....	81 24
Shelling road to Harman's bridge—resolution 449 of 3d November, 1873	300 00	289 00	11 00	.....
100 vapor burning lamps—resolution 442 of 3d November, 1873	1,000 00	1,000 00	.....	.....
Amounts carried forward	$267,197 59	$219,628 17	$52,123 35	$4,553 96

TABLE A—Continued.

ACCOUNTS.	Appropriations.	Amounts Paid.	Amounts Undrawn.	Amounts Overdrawn
Amounts brought forward.....	$267,197 59	$219,628 17	$52,123 35	$4,553 96
Shelling Ferry Bar road—resolution 167 of 3d April, 1873.....	300 00	$110 80	$189 20	.....
Shelling Boston street—resolution 43 of 12th February, 1874.....	500 00	216 00	284 00	.....
Shelling Windsor Mill road—resolution 29 of 3d February, 1874.....	300 00	200 00	100 00	.....
Bird boxes in public squares—resolution 71 of 3d March, 1874.....	225 00	188 00	37 00	....
Iron gratings at various inlets—resolution 45 of 27th February, 1874.....	1,000 00	233 07	766 93	....
Granite bases, &c. at Jackson square—resolution 198 of 14th April, 1874, appropriation..... ..... $5,500 00 Paid Register..... 166 21	5,666 21	5,064 75	601 46	....
Grading in front of Patterson Park.....	2,500 00	2,376 57	123 43	.....

Iron Plates at President and Fawn streets—resolution 446 of 3d November, 1873	1,500 00	1,461 29	38 71	.....
Harford Run Sewer, between Bond and Broadway—resolution 218 of 25th April, 1874	15,000 00	4,972 27	10,027 73	.....
Chatsworth Run Sewer, between Fremont and Haw streets—resolution 183 of 14th April, 1874	2,300 00	1,540 00	760 00	.....
Granite bases at Broadway squares—resolution 295 of 31st May, 1873	7,600 00	7,599 24	76	.....
Repairing Harford Run Sewer—resolution 266 of 27th May, 1874	300 00	300 00	.....	.....
Chatsworth Run Sewer, between Sterrett and West streets—ordinance 79 of 24th June, 1873	24,000 00	12,782 40	11,217 60	.....
Iron Plates, Culvert, at Foundry street—resolution 96 of 7th March, 1874	608 68	608 68	.....	.....
Iron Plates over gutters at market houses—resolution 166 of 3d April, 1873	184 27	184 27	.....	.....
To repair Harford Run Tunnel, from Bond to Dallas street—resolution 333 of 15th June, 1874	2,500 00	1,383 53	1,116 47	.....
Eden street sewer—ordinance 93 of 20th October, 1873	20,000 00	15,379 32	4,620 68	.....
Culvert on Myrtle avenue—resolution 330 of 15th June, 1874	498 54	498 54	.....	.....
Amounts carried forward	$352,180 29	$274,726 90	$82,007 32	$4,553 93

TABLE A—Concluded.

ACCOUNTS.	Appropria. tions.	Amounts Paid.	Amounts Undrawn.	Amounts Overdrawn.
Amounts brought forward	$352,180 29	$274,726 90	$82,007 32	$4,553 93
To change grade of Garden at Madison street—resolution 9 of 19th January, 1874	201 10	201 10		
To change grade of McMechen at Madison avenue—resolution 11 of 19th January, 1874	148 20	148 20		
To change grade of Townsend street, east of Pennsylvania avenue—resolution 249, of 5th May, 1874	105 90	105 90		
To construct inlet corner Hanover and Lombard streets—resolution 261, of 16th May, 1874	500 00	471 97	28 03	
To re-construct sewer in Front street—resolution 454, of 1st November, 1873	1,500 00	1,155 00	345 00	
400 gasoline lamps—resolutions 214, of 17th April, 1874, and 260, of 16th May, 1874	3,600 00	641 25	2,958 76	
To change water course at Ann and Lancaster streets—resolution 14, of 27th January, 1874.	800 00	818 75		18 75
To pave alley from Pennsylvania avenue to Walsh street—resolution 16, of 27th January, 1874	150 00	150 00		

Metalic name plates on corner lamps—resolution 205, session of 1873-4	6,000 00	2,550 00	3,450 00	.....
Chatsworth Run sewer, from King to Pratt streets—resolution 338 of 17th June, 1874	3,500 00	2,850 28	649 72	.....
Sewer in Low street—ordinance 119 of 7th November, 1873	4,000 00	3,216 00	784 00	.....
Repairing Centre street sewer	1,500 00	1,173 85	326 15	.....
Shelling Point lane	300 00	300 00	.....	.....
Iron plates Cathedral and Centre streets	1,800 00	1,463 34	336 66	.....
To repair North avenue—resolution 455 of 1st November, 1873	1,000 00	718 50	281 50	.....
	$377,285 49	$290,691 03	$91,167 14	$4,572 68

TABLE B.

Showing the amounts required for the fiscal year ending 31st October, 1875.

ACCOUNTS.	Amount Required for Year 1875.
Repairs of paved streets	$ 65,000 00
" " Bridges	8,000 00
" " Sewers and Inlets	10,000 00
" " Lamps	3,600 00
Lamp Pillars and Lamps	6,000 00
Flag and Stepping Stones	20,000 00
Paving in front of City Property	5,000 00
Repaving streets	6,000 00
Paving and repaving cross streets	20,000 00
Mount Vernon Squares	150 00
Highways and Bridges	20,000 00
Incidentals	350 00
Salaries	6,600 00
Liberty Street Sewer, Ordinance 27 of 10th April, 1873	47,500 00
To complete Sewer in Ann street, and construct Inlet at the intersection of Hoffman street	1,150 00
Repairs of unpaved streets	800 00
Shelling Ferry Bar Road	189 20
Iron gratings at various inlets, Resolution 45 of 27th February, 1874	766 93
Granite Bases at Jackson Square	601 46
Harford Run Sewer, from Bond to Broadway, Res. 218 of 25th April, 1870	1,605 00
Chatsworth Run Sewer, from King to Pratt streets, Res. 338 of 17th June, 1874	476 22
Amount carried forward	$223,833 81

TABLE B—Concluded.

ACCOUNTS.	Amount Required for Year 1875.
Amount brought forward	
Chatsworth Run Sewer, from Sterrett to West street, Ordinance 79 of 24th June, 1873.....	11,217 60
Eden street Sewer, Ordinance 56 of 29th April, 1873.....	4,620 68
Inlets at Calhoun, Franklin, Mosher and other streets.....	2,000 00
Granite Bases at Broadway Squares, Res. 295 of 31st May, 1874.....	407 49
For Iron Plates and changing grade at McMechen and Madison, and McMechen street and Druid Hill Avenue.....	750 00
Sewer and Inlet corner of Hanover and Lombard streets.....	273 88
Metalic name plates on street Lamps.....	3,450 00
Iron plates, Cathedral and Centre streets.....	550 00
Shelling Loney's Lane, Resolution 248 of 5th May, 1874.....	250 00
To repair Washington Avenue, from Wooster street to B. &. O. R. R., Resolution 362 of 6th October, 1874.....	1,000 00
Iron pipe across Light street, Resolution 365 of 6th October, 1874.....	3,200 00
To kerb Baker Circle.....	1,000 00
Culverts at intersection of Washington and Lanvale streets.....	2,500 00
Iron Bridge over Jones' Falls at John street, as per Resolution 385 of 17th October, 1874.....	80,000 00
Granite Base for Broadway Square, between Chew and Eager streets, Resolution 396 of 19th October, 1874.....	3,500 00
Repairing North Avenue, Resolution 455 of 1st November, 1873.....	281 50
	$338,834 96

TABLE C.

Statement of streets, lanes and alleys paved during the fiscal year ending 31st October, 1874.

NAMES OF STREETS, &c.	No, of square ft.	Price per square foot.	Names of Contractors.
Woodyear alley, bet. Franklin and Thompson Sts.....	7,960	8 cts.	Jesse Hay & Sons.
Shields alley, bet. Lanvale and Dolphin Sts.....	6,840	6¾ "	Leo Eschbach.
Wills St., bet. Block and Philpot Sts.....	14,994	8½ "	P.Schneider& Bro.
Upton St., bet. Townsend and Lanvale Sts.....	7,930	6¾ "	Leo Eschbach.
Oregon St., bet. Mulberry and Franklin Sts.....	11,804	7 "	P. M. Holbrook.
East Baltimore St., bet. Gist and Harrison Sts.....	90,544	8½ "	John E. Eschbach.
Wolfe St., bet. Jefferson and Monument Sts.....	32,564	private contract.	C. Hax & Son.
Calhoun St., bet. Franklin St. and Edmondson Ave...	16,417	" "	Leo Eschbach.
Mulberry St., bet. Republican and Stricker Sts.....	45,784	7 cts.	T. J. Osborne.
Dolphin st., bet. Chatsworth st. and Pennsylvania ave.	22,188	private contract.	Leo Eschbach.
Constitution St., bet. Eager and Chase Sts.....	18,462	7¾ cts.	P. M. Holbrook.
Sterrett St., bet. Fremont and Ridgely Sts.....	6,113	8 "	Leo Eschbach.
Stricker St , bet. Mulberry and Franklin Sts.....	11,611	7 "	T. J. Osborne.
Eastern Ave., bet. Gist and Luzerne Sts.....	47,460	8¼ "	P. Schneider&Bro.
Oliver St., bet. Charles and Cathedral Sts.....	26,984	7¼ "	John Haugh.
Total square feet.....	367,655		

TABLE D.

The following statement will show the amount of superficial feet of paving done up to 31st October, 1874.

Number of superficial feet of paving completed to 31st October, 1873	31,008,864
Number of superficial feet of paving completed during the year ending 31st October, 1874...	367,655
Total amount of superficial feet.....	31,376,519

TABLE E.

Statement showing the revenue received in the Department of the City Commissioner, during the fiscal year ending on the 31st October, 1874.

ON WHAT ACCOUNT RECEIVED.	Amounts.
Vaults, areas and sewers	$615 45
Establishments of grades and boundaries	104 00
Lamp pillars and lamps broken	162 75
Lumber sold from repairs of bridges	10 00
Old iron " " "	42 00
Collected from Schooner Minnie, for damage to Drawbridge	15 50
Old bricks sold from Jackson Square	166 21
From Hall's Springs R. R., for repair of track	18 75
	$1,134 66

ANNUAL REPORT

OF THE

City Solicitor,

TO THE

Mayor and City Council of Baltimore,

FOR THE

Year ending October 31st, 1874.

REPORT.

OFFICE OF THE CITY SOLICITOR,
Baltimore, January 1st, 1875.

To the Honorable the Mayor and
City Council of Baltimore.

GENTLEMEN:

In compliance with Article 12, section 3, of the City Code, I respectfully submit the following report:

SUITS DISPOSED OF.

During the past year I have disposed of, by trial or otherwise, one hundred and forty-one suits to which the City was a party, or in which it was interested, viz: one hundred and thirteen suits in the Baltimore City Court, of which forty were appeals from Justices of the Peace; two in the Circuit Court; one in the Supreme Court; one in the Court of Common Pleas; twenty in the Circuit Court for Baltimore County, and four in the Circuit Court for Howard County.

SUITS PENDING.

There are now pending in the Court of Appeals five suits to which the City is a party, and there is one in which the bill of exceptions is being prepared; in the Superior Court there are

twenty-seven; in the Circuit Court, thirteen; in the Court of Common Pleas, fourteen; in the Baltimore City Court, thirty-five, of which twelve are appeals from Justices of the Peace; in the Circuit Court for Baltimore County, four, and in the Circuit Court for Howard County, two.

MICHAEL DEAN *vs.* MAYOR AND CITY COUNCIL.

This was an appeal to the Baltimore City Court from the judgment of a Magistrate imposing the penalty provided for a violation of Ordinance No. 77, of 1872, entitled "An ordinance to provide for the measurement of carts and other vehicles employed in hauling fire-wood from the wharves or yards, and to regulate the sale of the same for the better protection of consumers," and its supplement, No. 42, of 1874.

The Court decided that these ordinances were in conflict with the Act of Assembly of 1870, chapter 418, (which abolishes the inspections therein referred to,) and therefore invalid.

Respectfully submitted,

ALBERT RITCHIE,

City Solicitor.

ANNUAL REPORT

OF THE

INSPECTOR OF BUILDINGS,

TO THE

Mayor and City Council of Baltimore,

FOR THE

Year ending October 31st, 1874.

REPORT.

OFFICE OF THE INSPECTOR OF BUILDINGS,

Baltimore, November 1, 1874.

To the Honorable the Mayor and
City Council of Baltimore:

GENTLEMEN:

By the requirement of Ordinance No. 9, approved March 10, 1863, I have the honor to submit herewith for your consideration the Annual Report, exhibiting the operations and expenditures of this department for the year 1874.

MARKET HOUSES.

Resolution No. 407, of 1874, appropriated four thousand six hundred dollars for repairing Centre Market house, between Lombard and Pratt streets, recently damaged by fire. The work has been commenced, and will be rapidly pushed forward to completion.

A shed has been placed at the south end of Centre Market, in pursuance of Resolution No. 132, of 1874.

New stalls have been placed in the Lexington fish market, and other necessary repairs that were needed have been made.

Hollins Street Market house and hall have been repaired.—The shingle roof on the shed market was removed and replaced

with the best quality of tin roof, with ventilators placed in the same, in pursuance of Resolution No. 389, of 1873.

The building of the new Richmond Market house on the site of the old Richmond Market house, containing 40 butcher stalls and 64 vegetable stalls, ordered by Resolution No. 448, of 1873, has been put under contract, and will be finished by the 1st of December next. This building was designed with a view of overcoming certain objectionable features in the old shed markets, among these, a want of sufficient light and ventilation, and the liability to get out of repair. The plan designed will also insure greater comfort and convenience to those who will occupy the building. It is expected that the sale of the extra stalls will amount to about as much as the entire cost.

FIRE ENGINE HOUSES.

Engine house known as No. 11, situated at the corner of Gist street and Eastern avenue, has been completed and put in possession of the Fire Department.

Engine house known as No. 12, situated at the corner of Fort and Johnson streets, is under contract, and will be finished by the 1st day of December next.

Engine house known as No. 13, situated at the intersection of Chatsworth and Fremont streets, has not as yet been put under contract, but will be at an early day.

No. 7 Engine house, situated at the intersection of Druid Hill avenue and Eutaw street, has been repaired, removing and rebuilding the stables, and adding all necessary modern conveniences for the men and horses, removing and rebuilding the belfry of No. 1 Engine house, and also No. 2 Truck house.

The truck room of No. 1 Truck house, situated on Harrison street, has been ceiled and lined with the best quality material.

All necessary repairs that were needed to the other engine houses was done.

PUBLIC SQUARES.

The improvements at Harlem Square, ordered by Resolution No.—, 1874, has been commenced, and will be finished as soon as possible; said improvements are to be executed under the direction of the Commissioners of said Square jointly with the Inspector of Buildings.

Lamps have been placed around Ashland Square, ordered by Resolution No. 343, of 1873.

Lafayette, Union and Franklin Squares have been improved under the direction of the Commissioners of the same, in pursuance of a resolution passed by the Council. In my opinion, these small Squares should be placed under the control of one person or head, and its head be made responsible for their proper condition, and the judicious expenditures of the public appropriations made in their interest.

The improvements at Perkins' Spring Square, ordered by Resolution No. —, of 1874, has been commenced, and will be finished at an early day.

The City Spring lot, on north Calvert street, has recently been improved, in pursuance of Resolution No. 246, of 1874.

CONSTRUCTION AND REPAIRS OF PUBLIC SCHOOL HOUSES.

During the year three new school houses have been completed, No. 26 Primary, located on Orleans street, near Bethel, 50 by 65 feet, two stories high; No. 30, 54 by 80 feet, two stories high, located on Hollins street, near Fulton; also No. 20, 48 by 50 feet, two stories high, located at the corner of John and Eden streets. These buildings have been finished in the most substantial manner, with a proper regard for comfort, neatness and economy.

School house for the use of colored children, 48 by 80 feet,

two stories high, located on East street, near the Belair lot, is under contract, and will be finished by the 1st of April next.

School house No. 17, 54 by 80 feet, two stories high, located at the corner of Light and Poultney streets, is under contract, and will be finished by the 1st of May. School house No. 3, 67 by 147 feet, two stories high, located on High street, has not yet been put under contract, but will be as soon as the City gets possession of the entire lot.

Female Grammar School house No. 1, 60 by 137 feet, two stories and basement high, located at the southwest corner of Fayette and Green streets, has not yet been put under contract.

The addition to No. 14 Primary School, located on Eutaw street, near Preston, has been completed, also new glazed partitions have been placed in the same, and other repairs that were needed have been made.

I have put shutters on the windows of School house No. 17, north Washington street, in pursuance of Resolution No. 126, of 1874.

In Nos. 29 and 2 Primary School houses new glazed partitions have been placed.

No. 29 Primary, Nos. 20, 14 and 18 Grammar School houses have been painted outside, and No. 9 Grammar School house has been painted inside, also the roof of No. 27 Primary, has been painted.

Other repairs have also been done upon a number of other School buildings, but only such as were necessary for the protection of the property, and immediately essential to the comfort of the children.

BALTIMORE CITY COLLEGE.

The erection of the Baltimore City College, ordered by Res-

olution No. 384, of 1873, has been put under contract, and will be finished by the 1st day of January next. The lot on north Howard street has a front of 120 feet, and a depth of 200 feet, and cost $60,000. The building is designed in the Gothic style. The outline is well broken and relieved; the facade is flanked upon each side by a turret with a gable in the centre, relieved by a bay window, two stories high, springing from a buttress, the base of which forms a drinking fountain. Upon each side of this division are the entrance porches, with stone columns and arches, and in their rises the tower 2 feet square at the base, and 110 feet high, with an octagonal lantern at the top.

The building proper will be three stories high, the basement being 12 feet 6 inches, the first and second each 15 feet, and the large hall situated in the centre of the second floor 27 feet high. The interior of the building will be faced with pressed brick, relieved with Baltimore county marble trimmings to the openings, &c.

The maximum dimensions of the plan are 99 feet, 4 inches in width by 162 feet in depth. Considering the building as located in the centre of the lot as to width, this would leave 10 feet 4 inches upon each side for light and ventilation at the narrowest part, widening to 14 feet at the front and 17 feet at the rear, locating the outermost projection of front 8 feet inside of the building line will leave 30 feet by 120 feet unobstructed in the rear.

The ground floor will be elevated above the pavement 3 feet, and the entrances are arranged upon both sides of the centre wing, and by an arcaded porch. These lead directly to the stair halls, each of which is 18 by 19 feet. In the rear portion of the building is another stair hall 18 feet by 34 feet 8 inches, containing two stairways. The stairs are designed to be 5 feet in width. Adjoining the stair hall is a hat, coat and umbrella room 20 by 20 feet, avoiding the necessity of dragging wet

and dripping umbrellas or over-shoes over any corridor or stair in the building.

The front rooms of basement on the south side are designated for the use of the Public School Library, and are entered either from a stair hall, and are 18 by 22 feet and 15 by 15 feet.—The rooms opposite on the north side are designated for the use of the janitor. On the south side, in rear of the stair hall, will be two class rooms, each 27 feet by 34 feet, and adjoining is a teachers' and apparatus room 12 by 34 feet. On the opposite side, separated by a corridor, will be situated the lunch room, 27 by 34 feet. A wash room will also be on this floor. The balance of the ground covered on this floor is arcaded with large open arches.

The first principal story contains a reception room, 21 by 20 feet. To the south, and connected therewith, is the principal's room; adjoining it is his private room. On the north side of the floor will be committee rooms, 15 by 17 feet, and teachers' rooms, 15 by 15 feet, all these rooms being en suite.

The second principal floor will contain three rooms devoted to the school library, 20 by 21 feet; to book of consultation, 15 by 17 feet, and the book stock, 15 by 17 feet.

The main hall will be between the four series of stairs, with commodious entrances to each. It will be 68 by 82 feet, and will accommodate 1,000 persons. The seats in the rear will be terraced to ensure an unobstructed view. This room is designed for general recitation, and also for commencements, and will be decorated in a suitable style. In the rear of the hall will be two class rooms, each 22 by 30 feet, and a lecture room 30 by 34 feet.

On the north and south of each stair will be a class room, 18 by 22 feet and 22 by 36 feet, a lecture room, teachers' room, hat and coat room. The stairway will be lighted from the roof by large ventilating sky-lights, ensuring to the corridors as well

as the stairways abundant light and ventilation. The rooms will be abundantly lighted by large windows. The door and window openings, being opposite to each other, will always secure a natural flow of air.

The entire building will be heated by steam; all the rooms and corridors will be wainscoted, and the entire building constructed in the most substantial manner.

The building has progressed as rapidly as would be justifiable in a building of such magnitude. For it is certainly eminently proper that great pains should be taken in order that the work be done in the very best manner. From personal observation, knowing that the work thus far has been properly done and the specifications strictly adhered to, I have no doubt that, when finished, the building will combine solidity, beauty and utility to a degree not only of answering the purpose of its construction, but will be a decided ornament to that part of the city in which it is located.

The contract requires the building to be finished by the 1st of January next, and if the winter proves mild, I no not doubt that the requirements will be met by the contractors, Messrs. P. Walsh & Sons. In its construction thus far $67,475 have been expended.

POLICE STATION HOUSE.

Resolution No. 198 of the Mayor and City Council, approved June 10, 1872, ordered the erection of a suitable house for the Western Police Station. The same has been completed and put in possession of the Police Department.

The main building is 40 by 54 feet, and three stories high, with cellar for furnace, &c. The back building or lockup is 30 by 55 feet, and two stories high.

The main building contains accommodations for the police captain and magistrate, sitting, safe rooms, &c.; and the third story is occupied as a drill room. The back building on the

first floor is divided into a number of cells, whilst the second story is appropriated for the use of lodgers.

NUMBERING HOUSES.

In my last report I called the attention of the Mayor and City Council to the irregular manner of numbering houses.—I have had frequent calls to remedy this difficulty, but have found it impossible. If one attempt should be made to alter a single number in a street it would probably throw many others out of order. Improving and extending as the City is now doing, it not unfrequently happens that lots and houses are divided into two, three and four parts. This obliges the excess of houses over the original number either to remain unnumbered or an entire change in the numerical distinction of the houses in the street in which they are situated.

MISCELLANEOUS.

A special appropriation was made in May last by resolution ordering certain repairs to the Marine Hospital, and for the removal of pest hospital. The work on them has been accordingly completed. The buildings have been erected on the grounds of the Marine Hospital in an altered form for pest purposes. Instead of being arranged in the shape of a cross, with four wings, each fifty feet in length, each wing has been constructed into a separate building fifty feet long, with closets attached, and with special attention paid to thorough and complete ventilation. The four buildings will accommodate eighty patients, which, with the other buildings at that point, it is thought will be sufficient for every possible emergency.—A disinfecting house has been erected for the purpose of disinfecting bed and other clothing with heat. To furnish the necessary heat a steam boiler will be erected in an adjoining building. The hospital building has been placed in a state of thorough repair, also the Physician's residence.

A special appropriation was made in April last by resolution ordering the erection of clock tower and clock on the North-

western Police Station House. The work has been completed. The clock has four dials, painted dark, about 4 feet 6 inches in diameter, with gilded figures, and hands indicating the hour at a distance of several blocks. The bell is rung by the machinery of the clock, and has a clear, distinct, metalic sound that can readily be heard at the western city limits. It has already proven a great public convenience to the neighborhood.

A special appropriation was made in March last by resolution ordering the removal and re-building of the Harbor Master's office, situated near the Drawbridge. The work on the same has been accordingly completed.

The Criminal Court house has been painted outside, together with other necessary repairs that were needed.

The Record Office has been painted inside and outside; other repairs were needed and supplied.

A new roof has been placed on No. 6 Engine House.

The Sheriff's office has been repaired and refurnished, as ordered by Resolution No. 177, of 1874.

CONCLUSION.

I have not exhausted the appropriations, general and special, accredited to this department by $98,162 11, in consequence of a number of them having been made so late in the year as to prevent the completion of the work for which they were designed. All the finished work has been accomplished within the amount appropriated.

The sum required for this department for the present year is $107,300.

The amount of work enumerated and referred to in this report, but not specified, can be ascertained by reference to Table A.

Respectfully submitted,

JOHN W. COLLEY,

Inspector of Buildings.

LIST OF TABLES

Annexed to the Inspector of Buildings' Report for 1874.

Table "A" exhibits the amount of appropriations, the amount expended, and the balance due on the several appropriations for the year 1874.

Table "B" exhibits the amount of balance on appropriations for 1874, for work not completed, and balance due on work completed during 1874.

Table "C" exhibits the revenue received in the Department of the Inspector of Buildings during the year 1874.

TABLE A.

Showing the amount of Appropriations, and the balance due on the several Appropriations for the year 1874.

Folio.	ACCOUNTS.	Appropriations.	Amount Paid.	Amount Undrawn.	Amount Overdrawn.
1	Repairs of public school houses—annual appropriation.....$15,000 00				
	Balance from 1873..... 2,795 20	$17,795 20	$13,643 51	$4,151 69	
	Salaries	3,000 00	3,000 00		
13	Repairs of City Property.....	6,000 00	4,121 60	1,878 40	
17	Repairs of Engine houses.....	10,616 30	8,802 97	1,813 33	
21	Incidental Expenses.....	150 00	124 95	25 05	
23	Erection of additions to the Southern and Eastern Police Station houses, and the erection of the Western Police Station House, resolution No. 198, 1873.....	9,591 90	9,177 45	414 45	
25	For the completion of Wells and McComas Monument, resolution No. 343, of 1872...	208 00	136 43	71 57	
27	Building Primary School House No. 32, ordinance 7, of 1873.....	6,300 00	5,918 97	381 03	
29	Repairs of Lexington Market House, resolution No. 327, of 1873..	1,945 10	1,294 05	651 05	

31	Repairs of Belair Market House, resolution No. 233, of 1873	1,012 65	267 52	745 13
	Building an addition to Public School House No. 20, resolution No. 234, of 1873	7,500 91	7,023 69	477 22
35	Repairs of Broadway Hall and Market, resolution No. 330, of 1873	373 91	272 45	101 46
37	Improving Harlem Square, resolution No.—, 1874	4,248 13	2,781 89	1,466 24
39	Building Primary School House No. 26, ordinance No. 6, 1873	11,500 00	10,166 49	1,133 51
41	Improving Perkins' Spring lot, resolution No. 392, of 1873	1,500 00	1,493 37	6 63
42	Repairs of Appeal Tax Court room, resolution No. 404, of 1873	200 00	178 26	21 74
43	Repairs of Primary School House No. 4, resolution No. 5, of 1874	2,000 00	1,194 50	805 50
45	Building Baltimore City College	75,000 00	67,475 54	7,524 46
46	Placing shutters on Grammar School House No. 17, resolution No. 126, of 1874	100 00	83 50	16 50
47	Building three additional Engine houses, resolution No. 338, of 1873		14,094 77	
49	Improving Perkins' Spring Square, resolution No.—, of 1874	7,000 00	3,751 10	3,243 90
50	Improving Calvert Street City Spring lot, resolution No. 246, of 1874	400 00	389 51	10 49
51	Building shed, south end Centre Market, resolution No. 132, of 1874	300 00	300 00	

TABLE A.—Continued.

Folio.	ACCOUNTS.	Appropriations	Amount Paid.	Amount Undrawn.	Amount Overdrawn.
52	Building Harbor Master's office, resolution No. 152, of 1874.....	600 00	593 50	6 50	
53	For the erection of a new market house on the site of the old Richmond Market House, resolution No. 448, of 1873.....	30,000 00	8,922 51	21,077 49	
54	Building clock tower on Northwestern Police Station House, resolution No. 201, of 1874.....	2,500 00	1,322 98	1,177 02	
55	Repairs of Hollins Street Market House and Hall, resolution No. 389, of 1873.....	3,500 00	3,308 00	192 00	
56	Repairs of Sheriff's office, resolution No. 177, of 1874.....	250 00	250 00		
57	Removing Pest Hospital and repairs of Marine Hospital, resolution No.—, of 1874...	6,000 00	4,539 87	1,460 13	
58	Building Male and Female Grammar School House No. 3, ordinance No. 19, of 1874...	25,000 00	450 00	24,550 00	
59	Building school house for the use of colored children, East street.....		3,476 00		
61	Building Female Grammar School House No. 1, ordinance No. 18, of 1874.....	15,000 00	200 00	14,800 00	

62	Rebuilding Primary School House No. 17, ordinance No. 18, of 1874.....	10,000 00	1,000 00	9,000 00	
64	Repairs of Primary School No. 1, (colored) resolution No. 386, of 1874.....	1,000 00		1,000 00	
65	Repairs of Centre Market House, resolution No. 407, of 1874.....	4,600 00		4,600 00	
			$179,755 38	$102,807 49	

TABLE B.

Statement showing the amount of balances on Appriations for 1874 *for work not completed and balances due on work completed in* 1874.

ACCOUNTS.	Balance of Appropriations.	Amount Required for 1875.	Total Amount Required.
Repairs of Public School Buildings	$4,151 69	$4,151 69	$4,151 69
" City Property	1,878 40	1,878 40	1,878 40
" Engine Houses	1,813 33	1,813 33	1,813 33
Erection of additions to the Southern and Eastern Police Station Houses, and the erection of the Western Police Station House	414 45	414 45	414 45
Improving Harlem Square	1,466 24	1,466 24	1,466 24
Building Baltimore City College	7,524 46	7,524 46	7,524 46
Erection of a new market house on the site of the old Richmond Market House	21,077 49	21,077 49	21,077 49
Building clock tower on the Northwestern Police Station House	1,177 02	1,177 02	1,177 02

TABLE B.—Continued.

ACCOUNTS.	Balance of Appropriations.	Amount Required for 1875.	Total Amount Required.
Removing Pest Hospital and repairs of Marine Hospital..	1,460 13	1,460 13	1,460 13
Building Male and Female Grammar School House No. 3.....	24,550 00	24,550 00	24,550 00
Rebuilding Primary School House No. 17.....	9,000 00	9,000 00	9,000 00
Building Female Grammar School House No. 1.....	14,800 00	14,800 00	14,800 00
Improving Perkins Spring Square.....	3,248 90	3,258 90	3,248 90
Repairs of Colored School No. 1.....	1,000 00	1,000 00	1,000 00
Repairs of Centre Market House.....	4,600 00	4,600 00	4,600 00
			$98,162 11

TABLE B.—Concluded.

Showing the amount required on the several accounts named, for the year 1874.

ACCOUNTS.	Amount Required.	Total Amount.
Repairs of Public School Houses	$15,000 00	15,000 00
Repairs of Engine Houses	8,000 00	8,000 00
Repairs of City Property	6,000 00	6,000 00
Building Baltimore City College	75,000 00	75,000 00
Incidentals	300 00	300 00
Salaries	3,000 00	3,000 00
		$107,300 00

TABLE C.

Statement exhibiting the Revenue received in the Department of the Inspector of Buildings in the year 1874.

Permits for Frame Sheds, Awnings, &c.	$2,530 50
Permits for Bay Windows	950 00
Permits for Steam Boilers and Steam Boilers and Engines	520 00
	$4,000 50

ANNUAL REPORT

OF THE

Maryland Industrial School for Girls

TO THE

Mayor and City Council of Baltimore,

FOR THE

Year ending October 31st, 1874.

ANNUAL REPORT

OF THE

MARYLAND INDUSTRIAL SCHOOL FOR GIRLS

To the Mayor and City
Council of Baltimore City.

GENTLEMEN:

We have the honor of presenting to you the following annual report of "THE MARYLAND INDUSTRIAL SCHOOL FOR GIRLS:"

Another year has almost rolled around since our last report, and with it some changes have occurred, as well as some progress made in our Institution. The year just drawing to a close has been one of labor. We have earnestly endeavored to make our Institution a success, and we think our labors have been rewarded. While there remains much still to do, and our Institution is yet in its incipiency, still with the revolution of each year, we can see the advances made, and the beneficial results from an Institution of this character. To-day, our Institution is better prepared for work than it has ever been, so far as efficiency of officers and interested friends are concerned, but in one respect we labor under a great disadvantage, which is the want of sufficient accommodations for the constantly increasing influx of subjects for our care. This we have felt more during the present year. While our report of last year showed but seventeen girls in our school, we have had as high as twenty-

nine girls under our care at one time, and have now about twenty-seven. This may seem a small number out of the vast multitudes all around us needing such a shelter, but when we consider that we cannot, with our present room, comfortably accommodate thirty-five inmates, we are compelled to realize the fact that our sphere of labor is a circumscribed one. During the year we have had to procure many extra beds, &c., and crowd several inmates into one room. At a late meeting of the Board of Directors, a committee was appointed to inquire into the feasibility of still enlarging our accommodations, notwithstanding the new building erected a year ago; this however, will necessarily entail much expense, and without some aid we can scarcely expect to carry out our plans. It is not necessary for us to urge here the importance of such a work as ours, as all have, we know, been informed of that by our reports in former years, and all that now remains for us to remark, is: that it is for our beneficent citizens to say whether we must cease laboring in this field, or whether we shall still carry on the work of rescuing and saving many a poor girl from a life of shame, misery and remorse.

As some of the results of our labors, several of the girls have been married from the school during the year, to sober, industrious men, and are now doing well; for others, good homes have been provided, and from all we have good reports; while for many others still with us, we can say we have every reason to believe that their consciences have been awakened to a sense of the sinful course of lives they have been leading, and that their intention and purpose is to mend their ways henceforth, and hereafter to lead virtuous lives. All this is very encouraging. Our plan of procuring homes for all who become competent, and are to be trusted away from us, we find is the only proper one, inasmuch as it thereby removes from the girls'

minds the idea of our Institution being a prison house for culprits.

The dry weather has shortened all our crops. From our grape crop we realized a little over five hundred dollars.

The Collector employed by us has not been as successful, and but for the timely and efficient aid of the Legislature and City Council, our Treasury would have been depleted. We had from the Legislature an appropriation of three thousand dollars, and from the City Council one thousand dollars, but out of this fund we have had to pay for the new building erected last year.

Our corps of officers of the School remain unchanged.

The inaccessibility of our home at Mt. Zephyr, about three miles beyond the Relay House, on the main stem of the Baltimore & Ohio R. R., while it has a great many advantages as regards seclusion and retirement, (a thing absolutely necessary for such an Institution as ours;) yet it has to contend with a serious inconvenience, so far as the taking out the inmates, and having the directors and our friends generally visit the place. Feeling this want, we have undertaken to procure a good carriage road, to be made from the new Wilkins avenue, direct to our Farm-School; and if we are successful in our efforts, it will prove of great benefit to us.

In conclusion, we, as directors on behalf of the City, do earnestly recommend the Institution, as one well worthy the support and patronage of our citizens, and would ask for an enlarged appropriation this year, to help us erect our proposed new building for increased accommodations and usefulness.

Respectfully submitted,

JOHN Q. A. HERRING,
JOHN C. BRIDGES,
GEO. R. SKILLMAN,
JOHN S. REESE.

REPORT.

Since our last Report we have been slowly but steadily advancing in progress, and begin to see some good fruits from the seed scattered through the year. Our institution to-day is in a better condition financially and otherwise, and better known to the community, than at any time since our organization. The public begin to see the benefits to be derived from such an institution, and as they see this more clearly their patronage is proportionately greater. Early in the year we saw the necessity of making greater efforts to bring the fact of our existence as a Reformatory Institution more prominently before the community, and to solicit aid to carry on our work. We secured the services of a collector, who has proved himself very efficient, and has brought into our treasury over one thousand dollars, and with this help (besides an appropriation for the year of three thousand dollars from the last Legislature, and an appropriation of five hundred dollars from the City Council, which latter, however, has not yet been received) we have been enabled to do much for the comfort of the inmates, as well as to be better prepared to carry forward the work in future.

We have had "Commitments" printed and left with the magistrates through the city, thus opening and widening the channel for erring ones to be led into a safe harbor. But just

here we would say that we regret that those whose duty it is to commit cases to us have not heretofore fully understood and appreciated the advantages possessed by and yet to be derived from our Institution, but we indulge the hope that as they see these, they will be invited to greater sympathy and co-operation with our work, particularly as we are now the regularly chartered "Female House of Refuge" of this State. This fact we would like to have deeply impressed upon their minds.

We have now seventeen girls in the Institution, and have received sixteen through the year, which added to the number in the school at the date of our late report, makes twenty-six who have been under our care for longer or shorter periods during the past year. Of the sixteen received through the year, eight were half-orphans, five were orphans and three had both parents living. Their ages were as follows: One was thirteen; two were fifteen; three were sixteen; three were seventeen; two were eighteen; three were nineteen; and two were between twenty and twenty-four. Of the twenty-six girls under our care during the past year, we have made the following disposition: One was discharged to her father; five were discharged to homes, two of whom were returned to us; three were sent to "Bayview Asylum;" one was married at the School; seventeen remain with us, as before stated, and one (who had been brought into the Institution in a distressed condition, without parents or friends, who had been misled by a young man who afterwards died, leaving her in a situation demanding the most careful attention, and not having the proper facilities in our Institution for such cases) was entrusted to the services of the Rev. P. Doll and Mrs. Doll, who kindly cared for her and afterwards procured a situation for her as wet-nurse, and she is now doing well. This latter case is a branch of our work very interesting and important to the community, but unfortunately we are not provided with suitable

accommodations for such cases, and consequently are compelled to send them elsewhere. Will not our citizens aid us in supplying this deficiency?

The religious and moral training of the girls has received careful attention, and some, we trust, have been brought to see their sins in the light of heaven.

Some material changes have been made in the officers of the school. Owing to the failing health of the Superintendent, Rev. W. W. Meech, he was compelled to resign the position which he has so satisfactorily filled for nearly two years past. We have secured another (Mr. J. E. Rowe) who, we think, is fully competent to fill his place, and who, so far, has given much satisfaction. A new Matron and Teacher (Mrs. Kettlewell and her daughter) have also been appointed to fill the vacancies caused by the resignation of Mrs. Meech and Miss De France. These have likewise proved highly efficient, and a marked improvement has been noticed in the moral and domestic training of the girls.

The directors have held regular monthly meetings, which have been usually well attended, and frequent visits have been made by them to the School, as well as by the lady managers, who have always exhibited much interest in the welfare of the girls. We held our regular annual meeting during the summer on the premises, and all were unanimous in their expressions of approbation of the condition of affairs.

Owing to the long continued drought this summer, the crops have not been so satisfactory, but our very fine yield of delicious grapes has in a great measure made up for deficiencies in the crops of other things.

It is with deep regret that we have to record the death of one of our most active and efficient Directors on the part of the city, Henry W. Drakely, whose christian virtues are known to all. Suitable action was taken at a meeting of the Board of

Directors to put upon record the sense of their loss of so valuable a member.

Some additions have been made at the school since our last report. The different elements that are brought together in the school often become antagonistic, and experience has taught us the necessity of providing separate apartments for those whose influence might contaminate others; and fully realizing this fact, we have at an expense of about twelve hundred dollars, erected a substantial stone building as a place of correction and punishment, or as a "House of Probation" for newcomers, or as a "House of Merit" for those who acquit themselves well, thus entirely separating the different classes in the school, and we feel satisfied that we have thereby supplied a deficiency long since needed, and provided an important adjunct to our Reformatory School.

We refer to the accompanying reports of the Superintendent, Matron and Teacher, for the details of our work during the year.

In conclusion, we would most earnestly appeal to the sympathies and liberality of the citizens of our State to aid us by their means in rescuing and saving these erring ones who throng our streets, scattering disease and pollution on every hand, and threaten to bring desolation and destruction into our very homes.

REPORT OF THE SUPERINTENDENT.

I have the honor to report that I entered upon my duties August 1st, although I came here by your appointment, June 23d, acting as assistant to Rev. W. W. Meech, until the date above named, when his declining health compelled him to resign.

My experience, though short, teaches me the vital importance of the work to which I am called, and the certain failure of any one who undertakes it in any other than a missionary spirit. Although our duties have been onerous, yet we rejoice that they have not been without some precious fruit. Some of our number have experienced a gracious change, and others give evidence that they have been with Jesus and learned of Him.

I beg leave here to testify to the efficient services of Mrs. E. B. Kettlewell and Miss F. R. Kettlewell, who have filled the offices of Matron and Teacher since August 6th. Their united efforts have produced a wonderful change in many of those who have come to us so degraded and low that they were repulsive to their own friends. I believe without a single exception the officers have the sincere love and gratitude of all those committed to their care.

One of our inmates was married on the 19th of July to a young man employed on the farm. Rev. W. W. Meech performed the ceremony in the presence of the assembled school.

They have been living in the neighborhood since their marriage, and the young man is still employed on the farm, and as far as we know, they live happy and comfortable. He is trustworthy, sober and industrious. Besides this we have heard of the marriage of two of our former inmates during the year.

In a letter from one of our girls, who was sent to a good home, she says: "I like my home and I do not think I will return to the school again. I go every Sunday to the Sunday School, and I am quite happy." We could give a number of extracts from letters written by the girls, in which they speak of Jesus as being precious, but space will not permit.

The average conduct of the girls has been good, and many of them give evidence of great improvement, so much so indeed, that the ladies and gentlemen who have visited us from time to time, have expressed their surprise and gratification at the change.

The health of the school has been about equal to that of last year, the services of a physician being needed but once or twice during the year. We have not had preaching very often since the resignation of my predecessor. Our deeply interested friend, Rev. G. W. Shaw, has gone to the city to live, and the health of Revs. J. F. Goucher and A. Mitchell has been so poor that they have not been able to preach for us often.

The returns of the little farm have not been quite equal to that of last year. Most of the crops have failed, owing to the severe drought, except the vineyard, which more than doubled the yield of last year. We sold 12,828 pounds, worth $723.04, besides making some grape marmalade, thirty gallons choice wine, fifty gallons unfermented wine for communion and medicinal purposes, one hundred and fifty glasses grape jelly, and one barrel grape vinegar, worth in all $205.20, making the total value of the grape crop $928.24. The yield of hay was fifteen tons, worth $300.00. Three acres were devoted to oats.

They were very light, only worth $45.00. From one acre and a-half of tomatoes the yield was only six hundred cans, worth $120.00. The frost of early spring killed the peaches while in bloom so that we did not get a single peach. The apples did very little better, as the crop was only worth $6. An acre planted in potatoes failed to produce even the seed used. From a half acre of sugar corn we got twenty-seven cans, and seed sufficient for next year's planting, worth $7.75. The cabbage was a total failure. We realized only $2.15 from the cauliflower. The parsnips were very poor. The lima beans were very late and caught by frost before they came to maturity, we however saved enough seed for next year's planting. The yield from an acre of turnips was one hundred and sixteen bushels, worth $58.00. The blackberries produced one hundred quarts, worth $20.00. The quinces were worth $10.88. The bees have increased from five hives of last year to eleven, worth $110.00. The product of two cows has been worth much less to us this year, as one ceased to give milk early in June. There has been a disease prevailing among our poultry which has left us but very few.

We have employed three men part of the year, at a cost of $569.99, not including their board, which was worth $350.00 more. The value of stock and produce on hand is $2,549.88. The receipts of the year from sales are $1,489.96. The value of farm products consumed amounts to $1,000. The value of permanent improvements, including the new stone building, is $2,000. The cost of grape boxes and general farm expenses is $545.89. Adding the amount consumed to the year's sales, and deducting cost of labor, general farm expenses and laborer's board, we have a net gain of $1,026.08 for the year's farming, and this from forty acres of land not as easily tilled as some we have seen.

We are happy to acknowledge the receipt of donations to

the amount of $187.82, as follows:

Seven hundred can labels, from J. B. Rose.

One barrel of crackers and one bag of cakes, from James Beatty.

Fifteen gallons coal oil, from C. West & Sons.

A shovel, from C. Winternitz.

Account book, from A. W. Poulson.

Discount on cans, from Brooks Bros.

Two bee hives, from Mrs. Colvin.

Bibles and testaments, from Maryland Bible Society.

Dry goods, from C. Cleaveland & Co., through Mr. Duvall.

Mince meat, peach butter and a box of confectionery, from Wm. Miller & Co.

Six gallons oysters, eighteen book marks, and six "Pure Gold," a new musical collection, from J. Q. A. Herring. We are also indebted to Mrs. Franklin Wilson for six additional "Pure Gold."

One large box cakes, from G. R. Skillman.

A turkey for Christmas dinner, from a friend.

A large cake pan and stove lifter, also discount on bills, from J. Klein.

Eighteen prayer meeting hymn books, from J. F. Weishampel.

Hay seed to the value of $2.25, from S. Townsend & Son.

Lot of crockery, from Mrs. Irvin.

Discount on fruit trees to the value of $3.75, from R. Cromwell.

Dry goods, from L. W. Crane.

One box herrings, from A. H. Ahlsbarger.

Cash from G. S. Griffith, $8.

Cash from Mrs. Rowe, $16.67.

Cash from H. Cooke, $25.42.

Eighteen new volumes, holiday gifts to the girls, from Jesse Tyson.

A siphon, from Hubball & Dunnett.

Coffee mill and silver plated spoons, from Rev. W. W. Meech.

Sixteen new volumes, from a friend, through Rev. J. F. Goucher.

Cakes, apples, nuts, &c., from the same, and ladies at Catonsville.

Twelve new matresses, twelve feather pillows and lot of crockery, looking glasses, &c., from the Ladies' Committee.

Eighteen bags candy, nuts, &c., from Mrs. A. F. Crane.

Dry goods and candy from Mrs. Thomas Swann.

Religious papers have been given by Mrs. Wilson, Mrs. Crane, Mrs. Courtenay and other ladies visiting the school.

We bid the old year farewell with gratitude to God that it has brought us so many blessings, and tender our sincere thanks to all for their co-operation and aid, praying that the year upon which we now enter may be rich with blessings and prosperity to all connected or interested in the Maryland Industrial School for Girls.

Respectfully submitted,

J. ELMORE ROWE, *Superintendent.*

MATRON'S REPORT.

Mt. Zephyr, Dec. 31st, 1873.

Gentlemen:

In tendering the following report I cannot give a full account of the year's doings, as the last Matron's ill health did not permit her to keep a record from August 30th, 1872, to June 30th, 1873. In looking back, however, over the past five months, I can truthfully say we are much encouraged by a manifest improvement in the deportment of the inmates. Doubtless many of you know the kind of material we have to deal with, and that it is only with "line upon line, and precept upon precept," that we can accomplish anything, but we trust all the good seed sown has not been lost. Four of our number are professing Christians, and some give evidence daily that they are trying to overcome their temper and bad habits. There is more cheerfulness and contentment in our family than I have known heretofore; others express their gratitude that they have been rescued from their sinful lives. No. 14, who was considered one of the most hardened cases, said: "Mother, I thank God I am here, for if I were not here, I think I should be in hell to-night."

All of our inmates are deficient in domestic and other duties, but all are willing to learn, and we are striving to teach them that "whatever is worth doing at all is worth doing well."

The morning hours are devoted to sewing and housework, which is promptly done by one o'clock, when all retire to their

rooms for fifteen minutes for prayer, reading the bible and learning a verse of scripture to repeat at evening worship. At half-past one o'clock the school bell rings, and all are required to appear in their places in the school room. With one or two exceptions, this is to the girls the most pleasant part of the day. Friday afternoon is devoted to reading and singing. This exercise is especially enjoyed by them. The weekly and Sabbath prayer meeting, and the Bible class on Sunday afternoon is participated in by every member of the family, and are seasons of refreshing to all present.

One evening of the week is given to the girls in which to enjoy their own innocent amusements, and one evening their teacher (who is very much interested in them) entertains them in the parlor with music and singing.

There have been made during the year two hundred and sixty-four garments. Our Christmas was spent very pleasantly. We had a very pretty tree. Many thanks to the ladies for candies and trimmings for the same; also to Mr. Herring for a bountiful supply of fine oysters, and to Messrs. Tyson & Goucher for their presents of handsome books for the girls; and to Him who hath blessed us with health and prosperity be all the praise.

MRS. E. B. KETTLEWELL, *Matron.*

TEACHER'S REPORT.

Mt. Zephyr, Dec. 31, 1873.

Gentlemen:

When I took charge of the school in August, I found it in considerable disorder, as there had not been any regular teacher for some time. Since I have been here we have had sixty-two school days. Our studies were interrupted somewhat by the fruit gathering.

My little school is arranged in five classes. Their studies consist of spelling, reading, writing, arithmetic and geography. Our mode of teaching is the public school system. Our school room has been greatly improved and rendered more attractive and cheerful by being newly papered and fitted up with desks and blackboards.

To the friends who so bountifully provided the gifts and refreshments for the holidays we tender many thanks. Could the donors have looked in upon us on Christmas morning, they would have felt amply repaid for all their trouble and expense.

Respectfully,

FANNIE KETTLEWELL, *Teacher.*

Maryland Industrial School for Girls, in account with Mrs. Thos. Swann, Treasurer of Ladies' Committee.

THROUGH MRS. COURTENAY.

Mrs. Ed. Patterson	$10 00
Mrs. Turner	10 00
Miss Patterson	10 00
Miss S. Courtney	5 00
Mrs. H. Turnbull	10 00

THROUGH MRS. NICHOLAS.

Mrs. Backus	10 00
Mrs. H. Purviance	5 00
Mrs. Nicholas	5 00
From Mrs. Swann	15 00

THROUGH MRS. WILSON.

Mrs. Dennis	5 00
Miss Mary N. Wilson	5 00

THROUGH MRS. BROWN.

Mrs. Oudesluys	1 00
Cash	1 00

THROUGH MRS. WOODS.

Mrs. Dunnington	10 00
Mr. James Baker	10 00
Mrs. A. F. Crane	5 00
Mr. Gelbach	5 00
Mrs. Wheelwright	5 00
	$127 00

Expended for Clothing	$122 00
In Savings Bank	394 67

Dr. *Maryland Industrial School for Girls, in account with J. H. Brown, Treasurer.* *Cr.*

1873.					
Jan'y 2.	To Balance	$ 992 55	1874.	By Cash received as follows:	
1874.			Jan'y 5.	Donations	$1,200 40
Jan'y 5.	To paid Salaries	1,291 81		Interest on Bonds	116 34
"	To Farm Expenses	545 89		Produce of Farm and Board,	2,105 54
"	To School Expenses	2,134 41		Bequest Edmondson Estate..	985 00
"	To Wages	567 99		State Appropriation	3,000 00
"	To R. T. Duvall, Commission on Collections	107 18		Six Months Rent on Lot Leased	300 00
	To Permanent Improvements	148 60			
	Incidentals	92 09			
	Printing and Insurance	70 40			$7,707 28
	Balance	1,756 36			
		$7,707 28	Jan'y 5.	By Balance	$1,756 36

Examined and compared with vouchers
by us and found correct.

FRANKLIN WILSON,
JOHN Q. A. HERRING,
THOMAS W. BRUNDIGE, *Committee to Examine.*

J. HARMAN BROWN,
Treasurer.

ANNUAL REPORT

OF THE

Commissioners for Opening Streets,

TO THE

Mayor and City Council of Baltimore,

FOR THE

Year ending October 31st, 1874.

REPORT.

OFFICE OF THE COMMISSIONERS FOR OPENING STREETS,

Baltimore, Nov. 4th, 1874.

To the Honorable the Mayor and
City Council of Baltimore.

GENTLEMEN:

The Commissioners for Opening Streets beg leave to respectfully submit their Third Annual Report, beginning on the first day of November, 1873, and ending on the thirty-first day of October, 1874.

The Commissioners have during the above named period completed the assessment of damages and benefits, and have deposited with the Register of Baltimore City the following named streets and alleys:

STREETS OPENED.

Gettier street, from the west side of Hudson alley to the grounds formerly belonging to the Baltimore and Susquehanna Railroad Company.

Townsend street, from Harford avenue to Aisquith street.

Little Franklin street, from Holliday to North streets.

Vincent alley, from Fayette to Baltimore streets.

Chester street, from Hoffman to Oliver streets.

Randall street, from William to Covington streets.

Choptank street, from Hoffman to Oliver streets.

Lanvale street, from Harford avenue to Aisquith street.

Lexington street, from Gay to Douglas streets.

Federal street, from Belair avenue to Washington street.

Lanvale street, from Harford avenue to Bond street.

Washington street, from Biddle to Hoffman streets.

Bayard street, from Washington avenue to south Paca street.

Forrest street, from Douglas to Fayette streets.

STREETS, &c. NOW IN PROCESS OF OPENING, WIDENING AND CLOSING.

Presstman street, from Gilmor street to Monroe street.

Cooke street, from Fulton street to 360 feet west of Monroe street.

Albemarle street, from Plowman to Baltimore streets.

A street 36 feet 4 inches wide from German to Lombard sts.

North avenue, (widening) from Charles street to Greenmount avenue.

North avenue, from Greenmount avenue to Belair avenue.

Sharp street, from Ostend street to Port Warden's line.

North street, from John street to North avenue.

Calvert street, from John street to North avenue.

Lanvale street, from Charles street to North street, thence east from the east line of the grounds of the St. Agnes Hospital to Greenmount avenue.

Townsend street, from Charles street to Greenmount avenue.

Third lane, (closing) from Light street to Race street.

Oliver street, (opening) from Dolphin street to North avenue.

Hanover street, (opening) from Baltimore street to Mulberry street.

PRESSTMAN STREET.

In the matter of opening Presstman street, transferred to

this Board by the old Board of Commissioners for Opening Streets, we have been advised by the City Solicitor that we could not safely proceed therein owing to the prospect of litigation in which the City would be involved, and therefore suggest the repeal of said ordinance and the passage of a new one for the opening of said street.

COOKE STREET.

We have not proceeded with the opening of Cooke street, owing to the legal notice of application not having been advertised.

SHARP STREET.

Under the ordinance to open Sharp street we find on the receipt of the Surveyor's plat that the east line of said street (as laid out under said ordinance,) passes through and takes for the bed of said street from seven to eight feet of the retort houses of the Baltimore Gas Light Company, thereby involving a cost to the City of about one hundred thousand dollars, whereas by repealing the aforesaid ordinance and re-enacting the same, shifting the bed of the street a few feet further west, will obviate the great expense necessarily incurred by the present ordinance.

36 FEET 4 INCH STREET.

A street 36 feet 4 inches wide, from German to Lombard streets, was duly returned to the City Register and engrossed in our last report. Since that time appeals having been taken to the Baltimore City Court, the proceedings was set aside on account of the lines not being in accordance with said ordinance. For this Board to again proceed with said ordinance would entail a large proportion of the expense of the opening

upon the City, and, in our judgment, would not afford the improvement desired by the owners of property mostly interested. We, therefore, ask for additional legislation.

Respectfully submitted,

ISAAC COX,
JAS. S. MORROW,
J. T. PIQUETT,
Commissioners.

R. F. GREEN, *Clerk.*

ANNUAL REPORT

OF THE

Inspector of Illuminating Gas

TO THE

Mayor and City Council of Baltimore,

FOR THE

Year ending October 31st, 1874.

REPORT.

OFFICE OF THE INSPECTOR OF ILLUMINATING GAS.

Baltimore, December 1st, 1874.

To the Honorable Joshua Vansant,
Mayor of Baltimore.

SIR :

The undersigned begs leave herewith to present his annual report, with a tabular statement of the results of the observations on the illuminating power, chemical purity and pressure of the gas supplied during the year ending October 31, by the Baltimore and the People's Gas Light Companies. The gas from both has been constantly above the standard for illuminating power and chemical purity as specified by the ordinance, and shows for both Companies a slight improvement on the record for the preceding twelve months. Sulphur, the only impurity noted in the law, has been estimated by the combustion process, which gives the exact weight of the sulphur present, without regard to the character of the sulphur compound represented. As sulphuretted hydrogen has not been present at any time, it is probable that the little sulphur found was there as bi-sulphide of carbon. The ordinance says : that the sulphur in the gas shall not exceed 20 grains to the 100 cubic feet. An analysis showing that the quantity present has

never been equal to 5 grains to the 100 cubic feet, it has been noted as virtually wanting. The maximum quantity found was 4.23 grains to the 100 cubic feet, (March 26,) and minimum 0.36 grains, (June 27.) Other impurities often present in coal gas, though not noticed in the ordinance, have been sought, but have not been detected, with the exception of ammonia. This has been constantly present, but not in sufficient quantity to reduce the illuminating power below the standard for light. The ordinance placing no restriction on this impurity, no determination of the actual quantity has been made, while the illuminating power and the chemical purity of the gas supply are kept above the requirements of the law; the numerous complaints of want of light would seem to indicate either an insufficient supply of gas, or its combustion under unnecessary pressure at the burner, or the employment of defective burners. A scanty supply of gas is inevitable where the pipes are too small, where the flow of the gas is restricted by the want of capacity in the channels that convey it. This may occur in the service pipes of a building, or in a street main. As the maximum delivery power of any pipe is limited, it may at last be overtaxed by a greatly increased demand. Instances of this difficulty must be familiar to gas consumers. In a large building it may happen that when all the burners are in use, none will burn properly, but as soon as a certain number are shut off, the remainder will burn satisfactorily; there the service pipes are probably too small to convey enough gas to supply the larger number of burners, but large enough to supply the lesser number. A street main may be of proper size to supply all demands for many years, but at last the time comes when an annually increasing demand overtaxes its capacity, and all who are dependent on it complain of want of light. To attempt to remedy this difficulty by using greater pressure to force the gas through the pipes with greater velocity, and thus

deliver a greater quantity in a given time, would only be to encounter another difficulty. The proper quantity of gas may be delivered, but it will be under very unfavorable conditions for the production of light. To burn gas under excessive pressure always involves more or less waste of gas, and consequent loss of light. The error of trying to force a large quantity of gas through pipes too small to convey it properly is apparently one of the most prominent agencies that interfere with the proper supply of light, and has been frequently noted in the annual reports from this office. I quote from the report of 1871: "Pipes large enough to convey all the gas required for a certain number of burners may be unable to supply double that number: if the demand for gas along any street should increase beyond the estimate that decided the diameter of the street main, no one there could get a sufficient quantity of gas." Some years since there was a general complaint in the vicinity of one of our market houses, that the stores in the neighborhood could get very little light on the nights when gas was used in the market, while on other nights there was light enough; this trouble was perfectly remedied as soon as the small street main was replaced by one large enough to pass all the gas required.

The quantity of gas that will pass through a pipe of given dimensions in a given time under a given pressure admits of calculation. If the calculation determining the size of a street main or of the service pipes in a building should be made a little too close, without leaving a sufficient margin so that the ordinary pressure in the main would just suffice to supply the burners in ordinary use, then the addition of a few more burners would render the supply of gas insufficient; or without any additional burners a diminution of pressure in the street main would diminish the amount of gas delivered, and consumers would complain of want of light. I could point to one large

building in the city, and there are doubtless many others, where the service pipes are too small to supply all the burners properly, and where the only remedy is troublesome and costly—to replace the small pipes with larger ones. It is so clearly against the interest of gas companies to deliver their gas under a very high pressure, as it must add greatly to the loss by leakage, that I inquired from one of the officers of the Baltimore Company why they kept up such a high pressure in their mains. The reply was, that any attempt to reduce the pressure was sure to be followed by loud complaints of want of light by parties who did not distinguish between bad gas and a bad supply of gas.

For buildings where gas was used in large quantities and where the service pipes were not of proper capacity a very high pressure was needed to deliver a sufficient quantity at the burners. But this system is obviously as injurious to the consumers as to the company. While high pressure increases the leakage and adds to the cost of production, it also swells the gas bill of the consumer, who ultimately is obliged to pay for all the gas that is wasted, whether escaping unburned through a leakage or imperfectly burned at the burner. This matter seems to be better understood in other countries. In London it has been found necessary to prohibit the gas companies from reducing the pressure too low. The English law regulating the inspection of gas declares that the pressure in the mains must always be not less than that of a column of water one inch high. With us the pressure goes up at times to nearly four inches; the proper limits would probably be from one to two inches of water. When the want of light can be traced to defective burners the remedy of course lies with the consumer. In a special report made by request of the Honorable the First Branch of the City Council in May, 1870, the results of a comparison of a great variety of burners were given.—

After numerous experiments with the Photometer, the following conclusions were reported as reliable: 1st.—Where gas is burned under high pressure to get the best light with most economical consumption of gas requires some special arrangement to diminish the rapidity of the flow of the gas as it escapes from the burner. 2d.—For such use those burners that interpose a check to the flow of the gas are always to be preferred to those that have no such check. 3d.—That the various forms of double burners with lava tips would give more light with less consumption of gas than any of the ordinary forms examined. And 4th.—For very obvious reasons burners with lava or incorrodible tips were always to be preferred.

As our City ordinance regulating the inspection of gas was modeled after the law in force at that time in the City of London, the standard of illuminating power being the same in both, it is not strange that this standard should have proved equally unsatisfactory in both cities. In London the public complaint became so loud a few years since, that the authorities were compelled to raise the standard of light from 12 to 14 candles. The more satisfactory working of the present order of things may be inferred from the following summary taken from the October report of Dr. Letheby, the inspector of illuminating gas for the City of London: "The average illuminating power of the Chartered Company's common gas has been as follows, at the several testing places, viz: 18.08 standard sperm candles at Bechton; 17.05 candles at Friendly Place, mile end, and 16.89 at Ladbroke Grove. That of the Imperial Co. has been equal to 16.89 candles at Carlyle Square, Chelsea; 16.07 candles at Camden street, Camdentown, and 17.93 at Graham road, Dalston, and that of the South Metropolitan Co., has been equal to 15.58 candles at Hill street, Peckham. The cannel gas of the Chartered Co. at Millbank, Westminster, has been equal to 21.28 standard sperm candles. As regards

purity, Dr. Letheby reports that the gas has at all times been free from sulphuretted hydrogen, and that the average amount of sulphur in other form than this ranged from 8.68 grains per 100 cubic feet, to 19.26 grains. On three occasions only, there was an excess of sulphur in the gas, (the limit there as here being 20 grains to the 100 cubic feet.) Ammonia in the gas was always below the fixed maximum of 2.5 grains per 100 cubic feet, ranging from 0.02 to 1.46 grains. The average results were fully equal to the requirements of the Acts of Parliament." With the same standard as that in force in the City of London, there is no doubt we would realize as satisfactory results.

Very respectfully,

WILLIAM E. A. AIKEN,
Inspector of Illuminating Gas.

Year.	MONTH.	Average Illuminating Power.	Maximum Illuminating Power.	Minimum Illuminating Power.	Maximum Pressure in inches of Water.	Minimum Pressure in inches of Water.	Pressure during Trial.	Mean temperature of Photometre room.
1873	November	15.35	16.	14.	3.4	1.3	0.2	64° F
	December	15.5	16.5	14.	3.4	1.4	0.2	65°
1874	January	15.	16.	14.	3.5	1.3	0.2	63.8°
	February	15.5	16.5	14.	3.4	1.0	0.2	60°
	March	15.25	16.	14.	3.3	1.3	0.2	56.25°
	April	14.75	15.	14.	3.4	1.4	0.2	55°
	May	15.35	16.	14.	3.5	1.4	0.2	66.25°
	June	15.37	16.	14.	3.4	1.4	0.2	75°
	July	15.43	16.	14.	3.5	1.2	0.2	79°
	August	15.20	16.5	14.	3.5	1.4	0.2	75.20°
	September	15.	15.5	14.	3.4	1.3	0.2	75°
	October	15.30	16.	14.	3.5	1.3	0.2	65°
	Average	15.25						

PEOPLE'S GAS COMPANY.

Year.	MONTHS.	Average Illuminating Power.	Maximum Illuminating Power.	Minimum Illuminating Power.	Maximum Pressure in inches of Water.	Minimum Pressure in inches of Water.	Presure during Trial.	Mean temperature of Photometre room.
1873	November	14.90	16.	13.	2.3	0.9	0.2	61°F
	December	15.	15.75	13.	2.3	1.0	0.2	60.5°
1874	January	14.8	15.5	14.	2.4	0.7	0.2	55.2°
	February	15.25	16.	14.	2.3	0.8	0.2	57°
	March	15.12	16.	13.5	2.2	0.4	0.2	50°
	April	14.75	15.5	14.	2.3	0.7	0.2	51.25°
	May	15.2	16.	14.	2.1	0.6	0.2	64°
	June	15.12	16.	14.	2.1	0.5	0.2	73.75°
	July	15.18	16.	14.	2.3	0.5	0.2	77.25°
	August	15.10	16.	14.	2.2	0.6	0.2	74.2°
	September	15.06	15.5	14.	2.2	0.7	0.2	75°
	October	15.10	16.	14.	2.4	0.7	0.2	62°
	Average	15.10						

FORTY-SIXTH

ANNUAL REPORT

OF THE

Board of Commissioners

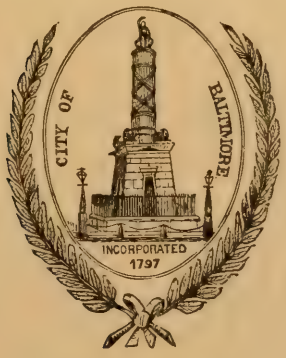
OF

PUBLIC SCHOOLS,

TO THE

Mayor and City Council of Baltimore.

For the Year ending Oct. 31, 1874.



BALTIMORE:
KELLY, PIET & COMPANY.
1874.

BOARD

OF

Public School Commissioners

FOR 1874.

OFFICERS.

PRESIDENT.....JOHN T. MORRIS.
SUPERINTENDENT.....WM. R. CREERY.
ASS'T SUPERINTENDENT.....B. C. REED.
CLERK.....H. M. COWLES.

MEMBERS OF THE BOARD.

1st Ward—H. A. CREAGH,
2d Ward—G. L. HAMEL,
3d Ward—J. G. DILLEHUNT,
4th Ward—DR. THOS. KELLY,
5th Ward—WM. M. IVES,
6th Ward—JNO. F. HANCOCK,
7th Ward—R. H. SINCLAIR,
8th Ward—JOHN JOHNSON,
9th Ward—ALEX. L. SPEAR,
10th Ward—JOHN T. MORRIS,
11th Ward—JOHN P. POE,
12th Ward—T. J. MAGRUDER,
13th Ward—J. L. LAWTON,
14th Ward—G. S. GRIFFITH, JR.
15th Ward—JOHN FERRY,
16th Ward—WM. R. BREWER,
17th Ward—H. B. ROEMER,
18th Ward—C. EMMERICH,
19th Ward—I. T. STODDARD,
20th Ward—B. H. HOBBS.

FORTY-SIXTH ANNUAL REPORT

OF THE

Board of Commissioners

OF

PUBLIC SCHOOLS OF BALTIMORE.

OFFICE OF COMMISSIONERS OF PUBLIC SCHOOLS,
BALTIMORE, November 1, 1874.

To the Mayor and City Council of Baltimore:

In compliance with the ordinance of the city, the Commissioners of Public Schools herewith submit their Forty-Sixth Annual Report of the condition of the schools under their charge for the year ending October 31, 1874.

The past year has been one of the most successful and satisfactory in the history of the schools since their organization. The liberal appropriations made by the City Council for their support has enabled the Board to perform its duties without embarrassment. The cordial co-operation and practical sympathy of the city authorities with those, to whom the supervision of the schools has been confided, have materially aided this work. New buildings have been erected and old ones

repaired by the Inspector of Buildings, who has promptly and effectively responded to the many demands which have been made upon him. Additional facilities have been furnished to some of the schools, which have heretofore been conducted under many disadvantages. The number of pupils has increased—the teachers have generally performed their work with zeal and fidelity—the standard of education has been elevated, and there is undoubted evidence of progress and improvement in every department.

In presenting this satisfactory exhibit of the schools for the past year, the Board congratulates you and the public upon the success of our system of popular instruction. Its growth and progress have been rapid, keeping pace with other important interests, which are contributing to the material prosperity of our city. The prejudice which once existed against Public Schools has almost entirely disappeared, and they are now encouraged and patronized by every class of our citizens. The people believe that public schools are the best of all schools, and they demand that the best system of instruction shall be adopted and pursued. They are no longer content with mere elementary education, but insist that their children shall have the same chances for educational success as the pupils of the most famed private institutions. This demand is just and reasonable and should be gratified. Our duty is to furnish such education as will fit the pupils of our schools to perform their obligations to society in whatever sphere they may be called to act, and anything less than this would be only a half performance of our work. The best and most useful citizens are generally the best educated men; not educated exclusively in the sense of having great scholastic learning, but in those branches of knowledge which fit them specially for the practical duties of life. If the mind and heart are properly educated in early life, the danger of depraved manhood is certainly diminished. If crime can be prevented

by education, it is certainly better to freely appropriate the public money for this purpose rather than to withhold it, and afterwards have to expend it in the erection and support of institutions for its punishment. Recognizing the truth of these views, we have sought to make our standard of public education liberal in all its departments and adapted to those for whom it is intended; and it is gratifying to know that public sentiment of our city has cordially endorsed the system, and the corporate authorities have cheerfully appropriated the money necessary to sustain it.

STATISTICS OF THE SCHOOLS.

There are now under the supervision of the Board 122 Public Schools conducted by 661 teachers, with 29,108 pupils on roll, and 23,362 average daily attendance. During the year there were 39,569 different pupils in the schools, some of whom remained but a short time; and this total number of all the pupils during the year is only important to show that some education was received by that number of children.

These figures show the irregular attendance of the pupils of our schools. Every possible effort is made by the teachers to instil into their minds the duty of punctuality, and rigid rules are enforced in case of absence, and yet the average attendance is far below what it should be. The fault is very often with the parents, who refuse to co-operate with the teachers in their efforts to secure punctual attendance. The most trivial causes are often given for absence, and many parents seem to think that they are entitled to detain their children at home whenever they see proper, without reference to the injury thus inflicted on the schools.

It is not a fault, however, peculiar to our system, but prevails in every city where Public Schools exist. Various remedies have been tried elsewhere, but they seem to be unsuccessful in accomplishing the desired object. It is gratifying,

however, to state that, even with these hindrances, the number of pupils has increased over 1,000 during the past year, which is about the annual increase during the past few years. It is impossible to accurately ascertain the number of children of school-age in our city who do not attend school, because we have no census of the total number of children entitled to the privilege. The Board has several times asked the City Council to permit such a census to be taken, which could be done with very little trouble and expense, but the request has never been granted. It would furnish us a facility enjoyed in other cities, and would be of great service in the further development of our plan for extending the benefit of public instruction to every child in this city.

It may be surprising to many persons to know that, in many of the States and cities where excellent systems of education exist, not more than fifty per cent. of those entitled to attend the schools avail themselves of the opportunity; and hence it is that so many persons grow up in ignorance, and afterwards lead vicious and criminal lives. The persistent refusal of parents to voluntarily educate their children has induced some States to adopt stringent laws upon the subject. The reason given for this system of compulsory education is, that the State has the right to protect itself against the crime and violence which necessarily result from ignorance Our State has not yet deemed such a law necessary, because there has been a fair repsonse to the offer to educate her children; and if the public properly appreciates its duty and privileges in this important matter, it is possible to educate the whole population, without the necessity of resorting to compulsory measures. The State and city have been liberal in their appropriations to establish and support the system of Public Schools now in successful operation, and every citizen should cordially co-operate with those in authority to fully develop it.

RECEIPTS AND EXPENDITURES.

Total Receipts from all sources for the Support of the Public Schools, for the fiscal year, ending October 31, 1874.

From City Collector, City Taxes	$413,142	23
" State Treasurer, Taxes for White Schools	127,879	94
" State Treasurer, Taxes for Colored Schools	9,414	92
" Pupils (White) use of Books	38,863	88
" Pupils (Colored) use of Books	818	75
" Interest on Legacy	62	37
" All other sources	681	00
	$590,863	09

Total expenditures on account of the Schools for the same period, were as follows:

WHITE SCHOOLS.

Salaries of Teachers and Officers	$374,199	25
Book and Stationery	38,730	03
Rents and Ground Rents	23,504	55
Repairs and Cleaning	17,221	17
Furniture	14,481	66
Fuel	10,852	10
Printing, Incidentals and Supplies	7,900	32
	$486,889	08

Amount brought forward		$486,889 08
Extinguishment of Ground Rent on Primary School No. 26		3,500 00
Amount paid by Inspector of Buildings:		
New building, Grammar and Primary No. 1	$200 00	
New building, Grammar and Primary Nos. 3 and 23	450 00	
New building, Grammar and Primary No. 17	1,000 00	
New building, Grammar and Primary No. 26	10,166 49	
New building, Grammar and Primary No. 30	5,918 97	
New buiiing, Baltimore City College,	67,475 54	
Addition to Grammar and Primary No. 20	7,023 69	
Repairs to Primary No. 4	1,194 50	
General Repairs to old buildings	13,727 01	
		$107,156 20
Total Expenses of White Schools		$597,545 28

COLORED SCHOOLS.

Salaries of Teachers		$31,611 25
Books and Stationery		1,855 58
Rents and Ground Rents		3,150 76
Repairs and Cleaning		1,192 48
Fuel		781 99
Supplies and Incidentals		446 19
Furniture		72 00
		$39,110 25
Amount paid for Lot, Colored School No. 2		6,500 00
Amount paid by Inspector of Buildings:		
New building, Colored School No. 2		3,476 00
Total expenses of Colored Schools		$49,086 25
Total Expenses of White Schools		$597,545 28
Total Expenses of Colored Schools		49,086 25
Total Expenses of all Schools		$646,631 53

APPROPRIATIONS.

Total Appropriations by the City Council for Public Schools, for the fiscal year, ending October 31, 1874.

For Salaries	$375,000 00	
For Books and Stationery	32,000 00	
For Repairs and Cleaning	12,000 00	
For Rents and Ground Rents	22,000 00	
For Furniture	15,000 00	
For Fuel	13,000 00	
For Incidentals and Supplies	5,000 00	
For Evening Schools	5,000 00	
For Colored Schools	50,000 00	
For Purchase of Lot for Colored School No. 2	6,500 00	
For Purchase of 61 Saratoga Street, Colored School No. 1	2,000 00	
For Extinguishment of Ground Rent on Primary School No. 26	3,500 00	
		$541,000 00

TO INSPECTOR OF BUILDINGS.

For Repairs of Buildings	$17,795 20	
For Building No. 30	6,300 00	
" " 20	7,500 00	
" " 26	11,500 00	
" Nos. 3 and 23	25,000 00	
" No. 1	15,000 00	
" " 17	10,000 00	
For Baltimore City College	75,000 00	
For Repairing No. 4	2,000 00	
" " 1 Colored	1,000 00	
" " 17	1,000 00	
		$171,196 11
		$712,196 11

ESTIMATES FOR 1875.

Salaries of Teachers and Officers	$390,000 00
Books and Stationery	40,000 00
Rents and Ground Rents	24,000 00
Furniture (which includes special purchase of furniture for Baltimore City College)	*30,000 00
Fuel	13,000 00
Repairs and Cleaning	17,000 00
Printing, Incidentals and Supplies	12,000 00
Evening Schools	5,000 00
Colored Schools	60,000 00
	$591,000 00

The current Expenses of the Schools necessarily increase from year to year, in consequence of the increase in the number of teachers and pupils. We earnestly urge the children in our city to enter our Schools, and we must provide the accommodations necessary for them. The annual average growth in number is not less than 1000, and this involves the necessity for new buildings, and more furniture and books, and the other appliances of School-life.

Our estimate of the expenses of the next fiscal year is based upon the actual requirements of the schools, and is submitted in good faith, with the expectation that the City Council will make the necessary appropriation to meet this want. The charge of extravagance cannot be successfully made against this department of the city government. Every expenditure for any purpose in connection with the schools is carefully considered, and no account is passed for payment, without the examination and approval of the Committee on Accounts. The expenditures during the past year are moderate in view of the results, and will be found to be much less than

*$5,000 of this amount is not included in the estimate on page 48.

those of other cities. The amount needed for the next year is larger than usual, in some of the departments of the schools. We will require double the usual appropriation for furniture, to enable us to furnish Baltimore City College, in a suitable manner. When the old building was burned, nearly all the furniture then in it was either entirely destroyed, or so injured as to be unfit for use, and during the temporary occupancy of the Female College building on St. Paul Street, we have mostly used such old furniture as could be collected from other schools. In addition to the general destruction of the ordinary furniture in the building, nearly all the apparatus belonging to the department of Natural Science was rendered useless, and must be replaced upon the opening of the new building. The Board has fully appreciated this necessity, resulting from the fire, and have accordingly ordered suitable furniture and apparatus, which will be ready for use at an early day.

We have also asked for a liberal appropriation for Colored Schools, with a view to carry out the policy heretofore adopted, of erecting a new building each year for the use of these Schools.

Our purpose is to remove all ground of complaint, by furnishing proper educational facilities for the Colored people of our city. These schools present a strong argument in favor of this liberal policy; for wherever we have furnished good school-houses, they have been well attended, and the most satisfactory results attained. We wish to erect a new building during the year, and will apply to this purpose a part of the appropriation for these Schools.

SCHOOL BUILDINGS.

During the past year the City Council has made liberal appropriations for the improvement of our school buildings, and the Inspector of Buildings has faithfully and judiciously applied the money thus appropriated.

The houses for the use of Primary Schools No. 26 and No. 30, which were commenced in 1873, have been completed during the past year, and are now occupied. Two new houses have been commenced—the one for the use of Primary School No. 17, and the other for Colored School No. 2, and both will be finished during the winter, or early in the spring, and will probably be occupied by the 1st April next.

An appropriatton was made for the erection of a new building for Female Grammar and Female Primary School No. 1, at the southwest corner of Green and Fayette streets, and a suitable plan was furnished by the architect, which combined the advantages and accommodations so much needed by those schools, but it was ascertained that the amount appropriated was insufficient to erect the building.

It was thought more desirable to remove the present building and erect a new one, using such part of the old material as was available, as a more commodious house could thus be obtained to accommodate the large number of pupils in attendance at these schools. Under these circumstances it was deemed best by the Inspector of Buildings and the Board of Commissioners to postpone the erection of the new building until this year, when such additional appropriation could be obtained as would be required to carry out the plan selected. An appropriation was also made for a new house, to be erected on the lot on North High street, leased from Mr. Rogers, for the use of Grammar Schools No. 3 and No. 14, and Primary Schools No. 23 and No. 24, which will be consolidated and removed from the buildings now occupied by them. This arrangement will enable the city to sell the several buildings now in use by these schools, and it will probably obtain an amount sufficiently large to pay the cost of the new building. The commencement of this house has been delayed in consequence of the refusal of one of the tenants of the premises to vacate until the expiration of his term in March next. As the

city has possession of nearly the entire lot, and legal notice has been given to the tenant to quit, it would be desirable at an early day to proceed with the work, so that we may obtain the building at the opening of the next fall term in 1875.

The new building for Baltimore City College is now rapidly approaching completion, and possession will probably be obtained about the 1st of January next. The contract for this splendid and commodious structure has been faithfully and promptly executed by Mr. Walsh, the contractor, who is certainly entitled to great credit for his energy. The furniture has been ordered and will be delivered by the middle of January, and the building will be dedicated and in use by the last of that month. It will be a grand era in the history of this institution and a period of interest, to which we have long and hopefully looked forward.

In addition to these new buildings, the Inspector of Buildings has also enlarged and repaired several school-houses, by which they have been much improved and many additional facilities furnished. Although there has been so much done during the past year to improve our school-houses, there is yet more needed to make them what they should be. The new buildings which have recently been erected are vastly superior to those which were built in the early history of our schools. They are more commodious, better lighted and ventilated, and have greater accommodations for teachers and pupils. But the serious objection which yet exists is that neither the lots nor the buildings are sufficiently large for our schools. It is neither advantageous to the schools, nor economical to the city, to purchase small lots and erect small houses to meet an existing demand. Our policy should be to provide for the future as well as the present, and for this purpose it would be much better to secure large lots and build school-houses that will not only meet the present necessity but furnish the accommodation for future demands. If such buildings were erected, there

would be no necessity for such frequent applications for enlarging old buildings or erecting new ones. The average accommodation in most of our houses is about 250 pupils in each department, making 500 in a building; whereas they ought to be constructed to furnish seats for double that number. In another respect, the city would secure a great advantage, if it would anticipate the wants of the schools, by securing suitable lots for the purpose before they become so valuable.

It is certainly as easy for the city to foresee its own growth and extension as for private corporations and individuals to do so, and yet the latter always seem to secure eligible lots for building purposes in the growing sections at low rates, and make the city pay a large profit for its neglect. This is the successful policy pursued elsewhere, and which might be adopted with advantage here. These facts will enable you to appreciate our reason for asking more aid in the erection of additional buildings, and to understand why we still have to submit a statement of

OUR WANTS.

PRIMARY SCHOOL No. 5.

In March last we submitted the condition of these schools to the consideration of the City Council. The property is situated at the corner of Bond and Chew streets, and is not sufficiently large to accommodate the demand for admission. The other Primary Schools in the neighborhood are full, and there can be no relief unless additional ground is obtained adjoining this property and the house enlarged, or another lot secured elsewhere and a new house erected. An appropriation should certainly be made for this purpose.

MALE AND FEMALE UNCLASSIFIED No. 21.

These schools are located on Pennsylvania avenue near Robert street, and embrace both Grammar and Primary

departments. Since the building was erected several years ago, the population of that section of the city has rapidly increased, and the schools are crowded to the great detriment of the pupils. This building should at once be enlarged, so as to accommodate a much greater number than it now can conveniently do, or a new building erected elsewhere, and the schools separated.

MALE AND FEMALE GRAMMAR SCHOOL No. 6.

The building occupied by these schools was erected many years ago, and is situated on Druid Hill avenue, near Biddle street. The attendance of pupils is very large in both departments, and the schools are in excellent condition. The building and yard are entirely too small for these schools, and they are justly entitled to better accommodations. Many of the patrons of the schools live a considerable distance west of its present location, and desire to have a new site and building nearer to their homes. It would be very desirable to procure another lot on Druid Hill avenue, near Lanvale street, or in that vicinity, and erect a new building like that intended for Female Grammar School No. 1.

This arrangement would enable us to provide good accommodations for Colored School No. 4, by transferring it to the house now occupied by No. 6. The neighborhood is thickly settled by colored people, who would send their children to our school if there was a convenient building for their use. But every effort has been made by the committee to rent property for the purpose without success, and the school is now small, and accomplishing but little good in proportion to what could be done in a suitable house.

GRAMAR SCHOOL No. 22.

The only Grammar School west of Fremont street is No. 15, on Republican street. near Lexington, and this will soon

be crowded. The people of that section of the city are importuning us for increased accommodations, and it is due to them that they should have what they need. That part of the city has extended rapidly during the past few years, and the population has greatly increased, and it is not possible to accomomodate them with the facilities that were sufficient for the neighborhood several years ago. The lot on Hollins street, near Fulton street, now occupied by Female and Male Primary No. 30, is well located, and may be enlarged by leasing additional ground adjoining, and the erection of a new building there would gratify the existing demand.

We recommend the sale of the lot and building on Frederick street, formerly occupied by Primary School No. 24, and the lot and building at corner of Caroline and Holland streets, formerly occupied by Primary School No. 26, as both of these schools have been removed. We also again urge the sale of the vacant lot on Green street, which is subject to a large annual ground rent. This lot has never been occupied by any school, and is not needed for any purpose.

ENGLISH—GERMAN SCHOOLS.

A resolution was reported by the Joint Committee on Education of the City Council in 1873, and unanimously adopted by both branches, requesting the Board of Commissioners to consider the propriety of introducing the study of the German Language in the Public Schools of this city. The matter was referred to a special committee of the Board, in connection with the Superintendent, who made a full and thorough examination of the methods of instruction in the German language pursued in other cities, in connection with the Public Schools. They reported that it was inexpedient to introduce the study in the Grammar Schools, as now organized and graded, without impairing their success in the English branches; and that the best method to accomplish the desired object, was to establish

separate schools, under the supervision of the Board, in which the English and German language could be simultaneously taught. The report of this committee was fully considered by the Board, and it was deemed expedient to adopt its recommendations, and establish English-German Schools, separate from the other Schools now in operation. We have thought it best at first to test the public demand for this kind of instruction, by establishing one school, to which all will be admitted who desire to acquire a knowledge of German simultaneously with their English studies. Although this school has been open only a short time, several hundred pupils have been admitted, and the indications are that it will be necessary to establish others at an early day. Instruction is given to the pupils in both languages by the teachers every day. The benefit is thus two-fold, first to the children of English parents who wish to obtain a knowledge of German; and secondly to those of German parents who wish to receive instruction in the English language, as well as their own. The great advantages of a knowledge of the German language for business purposes, are apparent to every one; and, if we can furnish the foundation for this knowledge in the lower departments of our schools, it will be much easier for the pupils to acquire greater proficiency, as they are advanced.

It is not possible now to predict what will be the result of this experiment in our city, as its success will depend very much upon public sentiment with reference to the subject.

Our purpose is to furnish the best teachers, and every possible facility which will assist them in their work, and thus leave nothing undone to make these schools what they should be. In other cities they have grown rapidly in the public favor, and a large percentage of all the pupils in attendance at their Public Schools, are availing themselves of the opportunity thus offered, to obtain thorough instruction in the German language. If a like success follow in our city, it will indi-

cate that we are not mistaken in supposing that the people earnestly wish the establishment of such schools for the public benefit.

NAUTICAL SCHOOL.

By an Act of Congress, recently passed, the Secretary of the Navy was authorized to furnish a United States vessel to the ports of Boston, New York, Baltimore, Charleston, New Orleans and San Francisco, to be used as a Nautical School, under the supervision of the Board of Education and the Board of Trade, of those cities.

It is intended that the vessel shall be thoroughly equipped with all necessary apparatus, at the expense of the Government; and the President, at the request of the Board of Control, will assign an officer of the navy to take charge of the school. The object is to furnish instruction in navigation, seamanship, and all matters which pertain to the proper equipment and sailing of vessels. The course of instruction will require about two years, a part of which time will be devoted to cruise at sea, for the purpose of acquiring a practical knowledge of the duties of the Merchant Marine Service. At the expiration of that time, those who pass a satisfactory examination will receive a certificate of qualification, which will assist them in obtaining at once desirable positions in the Merchant Service.

If these schools are properly sustained and encouraged, they will undoubtedly be a great benefit to the Merchant Marine, by furnishing a thorough nautical education, which has heretofore been so much neglected.

In view of this Act, the Board of Commissioners appointed a committee to confer with a similar committee of the Board of Trade, with reference to the expediency of requesting the assignment of a vessel to this port. They have corresponded with the department in charge of this matter, and have ascertained that whilst the Government will furnish the vessel free

of all charge, all the annual expenses of supporting the school, including the salaries of all the officers and teachers, must be paid by the city to which the vessel is sent. They have also been informed that it would not be possible at this time to furnish a suitable vessel to this port, in consequence of their absence on duty, but that in a few months, upon their return, one may be furnished, if our city authorities deem it expedient to establish a Nautical School.

In view of these facts, the committee in charge of the matter are not yet entirely prepared to recommend any special action; but, the subject is submitted as one worthy the consideration of a growing mercantile city, whose merchant marine interests would doubtless be greatly promoted by the thorough nautical education of those who are engaged in that service.

A vessel has been assigned to the port of New York, and the school will soon be established there, under the auspices of the Board of Education of that city, and if the trial in that city should be a success and practical benefits result, it will be our duty, at the proper time, to avail ourselves of this National offer of aid in this important department of education.

NON-RESIDENT PUPILS.

The ordinance adopted by the City Council in June last, with reference to the admission of children of non-resident parents or guardians into the Public Schools of the city, was enforced at the commencement of the fall session, in September last. An erroneous opinion prevailed in our community with reference to the number of non-resident children in our schools, who were not entitled to admission under the original ordinance. They were estimated by thousands, when the real number did not exceed 500 in all the schools, and many of these had entered when their parents were residents of the city. During the past few years, many of our citizens have removed their residence to the country, whilst they still continue their

business in the city; and these feel that their children are still entitled to the benefits of our schools, for the support of which they annually pay taxes. This class of non-residents finds fault with this ordinance, which compels them to pay the extra charge for the education of their children. Most of them, however, whilst protesting against this order as unjust and oppressive, have paid the amount and continue their children in the schools.

Another class of non-residents is composed of those who are bona-fide residents of the counties, and have been for many years, and yet have sent their children to the schools in the city, because they preferred them to those nearer to their homes. These, however, now recognize the justice of the ordinance in its application to their children, and have either cheerfully paid the extra charge, or withdrawn and sent them to the schools in the counties, which are now attaining a most satisfactory excellence in their management and results.

The ill feeling which at first was engendered by the ordinance, and the subject out of which it originated, has almost entirely subsided, and the people of the city and counties adjoining are now earnestly co-operating in promoting the interest and success of the schools under their respective control.

PUBLIC SCHOOL LIBRARY.

Our duty and desire are to increase the efficiency of our schools, and this may be accomplished by the adoption of the proper means. We should have good teachers, pay them good salaries, and furnish them every reasonable facility for the acquisition of the knowledge that is essential to their success. During the past year our teachers have organized an association for mutual benefit, and the interchange of views upon matters pertaining to their profession and the direction of our schools. We regard these associations as important means in

elevating the standard of education and improving the character and ability of the teacher, and hope this effort may be a permanent success. In addition to this means we recognize another valuable aid in the publication of THE MARYLAND SCHOOL JOURNAL by Professor M. A. Newell and Professor William R. Creery, which is devoted to the cause of education. It is a valuable school journal, under the control of experienced and able educators, will supply a want long felt by teachers and scholars, and is entitled to the cordial encouragement and support of every friend of public education in our State.

Whilst our Superintendent of Instruction and teachers are thus contributing to the cause of education and the efficiency of our schools, we have also endeavored to aid them in their work by the establishment of a Public School Library. The subject has heretofore been favorably considered, but it has not been possible to establish the Library for the want of suitable accommodations. That difficulty has been removed by the erection of the new building for Baltimore City College, in which we have reserved rooms adapted to the purpose. Our object is to procure a library of suitable and instructive books for the free use of our teachers and scholars.

There can exist no doubt whatever with reference to the importance and value of such libraries in connection with Public Schools. Teachers and pupils need books for educational and general reading, and there are many who have not means necessary to procure them. This want has long been felt here, and should now be promptly relieved; such libraries have been established in other cities by those connected with their Public Schools, and our teachers are entitled to the same advantages that are given elsewhere. The State of Maryland recognizes the value of such educational instructions by directing the County School Boards to make annual appropriations from the State School Fund for the support of free libraries for

the use of teachers and scholars in every school district, and the city of Baltimore should grant the same opportunities to teachers and pupils of its Public Schools.

The Board has, therefore, included in its estimate for books for this year an appropriation for this purpose, and will invest such reasonable amount as may be necessary to establish the library, with the belief and hope that an annual appropriation will hereafter be made for the purpose of increasing its size and usefulness.

INSURANCE.

We renew the recommendation made in our last annual report with reference to insurance upon the property used by the Public Schools. The estimated value of this property is now about one million dollars, and none of it is insured. Previous to the adoption of the order by the City Council dispensing with insurance on all property belonging to the city, the school-houses and other property, consisting of furniture, books and apparatus, under the supervision of this Board, were insured and the annual premiums were about $1,100. This was deemed necessary in view of the fact that our school-houses had on several occasions taken fire, and in some cases had been totally destroyed. The risk is necessarily greater in these houses than in any other property belonging to the city, because of the number of stoves in every building, in many of which the fires are left to burn after the schools have been closed for the day. All other property belonging to the city is constantly under the care of a janitor or watchman, whose duty is to protect it against fire; but our school-houses have no such protection, because the janitors do not remain on the premises after the schools are closed.

Since the order was passed by the City Council two buildings were damaged by fire, to the extent of at least $10,000, without any insurance. The Baltimore City College has

recently been erected at a cost of about $130,000, and the Female High Schools are estimated at nearly $150,000, and it would be a serious loss if any one of them should be destroyed by fire; and we think that the Board should be permitted to effect an insurance on these buildings, even if not upon the other houses, where their value is less. We, therefore, recommend a repeal of the ordinance, so far as relates to the property in use by the Public Schools of the city.

NORMAL CLASS.

During the past year, a Normal Class for instruction in the theory and practice of teaching was permanently organized. Several of the most experienced and efficient teachers in our Public Schools were assigned to this important work, under the supervision of the Superintendent of Instruction. The necessity for this class was felt by many of our young teachers, who have shown their appreciation by their prompt and regular attendance. Those who are young and inexperienced must necessarily encounter many difficulties in their profession, and they require the advice and assistance of those who have had greater experience.

The Superintendent reports most favorably with reference to the number in attendance, and their assiduity and earnestness in the performance of their duties. The exercises of the class are of that practical character that will materially aid the teacher in the work of the school-room, and enable those who are studious and ambitious to attain a higher position in their profession, and increase their usefulness. Our school system is not so perfect that it cannot be improved, nor are our teachers inspired or infallible.

Both require constant attention and labor for their fuller development and improvement. We recognize the necessity and value of this kind of instruction, both to our teachers and those who intend hereafter to enter the profession, and there-

fore, most cordially recommend the Normal Class as an important auxiliary in their work.

INDUSTRIAL EDUCATION.

In a previous Report, the Board and the Superintendent expressed their appreciation of the voluntary instruction in the domestic and industrial branches of female education, given by the teachers in several Grammar and Primary Schools. At the request of the President, they cheerfully undertook the work of teaching sewing, knitting, embroidery, and other useful branches to the female pupils of their schools, and set apart one afternoon in each week, for this purpose. The experiment was very successful, and gave great satisfaction to pupils and patrons of these schools—and a general wish was expressed for its continuance.

Though this department may not have been within the original scope of our system of education; yet, there is no reason why it should not now be embraced, if it can be made useful to the pupils of our schools. There can be no doubt about the great value of this kind of instruction, as a part of female education.

This is so generally felt, that in most of the private schools there is a Sewing Department, teaching the various uses of the needle in such manner, that it may be made available either for the home circle, or as a means of support.

Many of our pupils will never have the opportunity of acquiring this kind of useful knowledge at home, and must grow up in ignorance of that which is so indispensable to every woman, unless such instruction is furnished them in our schools. Several petitions have been received from citizens asking the general introduction of this department of education in our schools, and the subject has been referred to a committee of the Board for its consideration, and a report will soon be made upon this important feature of school-work.

OFFICIAL ATTENTION.

We acknowledge with great pleasure the interest exhibited by the Mayor and members of the City Council in our schools. We recognize, among the membership of your Honorable Body, some who were former pupils and graduates of the schools, and several who have been officially associated with us in their control; and we feel satisfied that these will speedily appreciate their condition and wants, and cheerfully extend their official attention. We cordially invite you to visit the schools as often as may be convenient, and to offer such advice and aid as you may deem proper and promotive of their interest.

The Inspector of Buildings is entitled to our special thanks for the general attention given by him to the condition of the school houses; and for the promptness, energy and fidelity which he has shown in the performance of all duties devolving upon him, in his relation to the public schools.

The Board and teachers are much indebted to the City Register and Comptroller, for the prompt payment of salaries, and the other expenses of the schools.

CONCLUSION.

We have thus briefly presented the condition of the Public Schools of our city, and submitted some suggestions for their further improvement. The work of the past year has been closed with satisfactory evidence of their progress. Their success in the future will depend in a great measure upon your official encouragement and assistance. The schools have furnished a liberal education to many of our best and most useful citizens, and have secured the sympathy and support of all classes in the community. There may be differences of opinion upon other matters of municipal control, but it seems to be felt by all good citizens that public education is essential to the public welfare, and should receive a united support. This cause

makes no appeal to sectarian or party feeling. Nothing could be more disastrous to our schools than the introduction of such baneful influences. It is the duty of every citizen to discourage all efforts made by politicians or others to render the school system subservient to party purposes. The ordinances of the city vest you with the appointment of those who have the immediate control and management of the schools. It is, therefore, in your power to prevent the occurrence of serious evil, by the selection of intelligent, energetic and experienced friends of our Public School system, who will exclude everything that could impede its progress, and do all in their power to promote its interests.

Respectfully submitted,

JOHN T. MORRIS, *President.*

REPORT

OF THE

SUPERINTENDENT OF PUBLIC SCHOOLS.

BALTIMORE, October 31, 1874.

To the Mayor and City Council and Board of Public School Commissioners of the City of Baltimore.

GENTLEMEN:

It again becomes my duty to give an account of the work of the Public Schools for the year ending with date above named.

Date	1874
Population	302,839
Enumeration, United States Census, 1870	77,737
Number of different pupils in school during the year	39,569
Enrollment, October 31	29,108
Average attendance	23,362
Number of teachers	661
Number of pupils to a teacher on enrollment, exclusive of special teachers	45
Number of pupils to a teacher on average attendance	36
Average annual salary of teachers	$614

Total expenditures, including buildings	$646,631 53
" " excluding "	525,999 33
Percentage of enrollment on population	9.6
Percentage of average attendance on enrollment	80.
Percentage of average attendance in Baltimore City College	93.7
Percentage of average attendance in Eastern Female High School	87.8
Percentage of average attendance in Western Female High School	91.1
Percentage of average attendance in Male Grammar Schools	86.8
Percentage of average attendance in Female Grammar Schools	83.
Percentage of average attendance in Male Primary Schools	80.
Percentage of average attendance in Female Primary Schools	81.
School age	6–18
Cost per pupil on total number in school during the year, including salaries, repairs, rents, books, fuel, furniture and incidentals	$13 26
Cost per pupil on enrollment	18 07
Cost per pupil on average attendance	22 53
Number to a teacher on enrollment in High Schools	36
" " " Grammar "	39
" " " Primary "	47
Number to a teacher on average attendance in High Schools	34
Number to a teacher on average attendance in Grammar Schools	34
Number to a teacher on average attendance in Primary Schools	39
Number of Schools, including Saturday Normal Class,	122

APPOINTMENT OF THE BOARD.

On February 9, 1874, the following-named gentlemen were appointed to represent their respective wards in the School Board:

1st	Ward	Henry A. Creagh.
2d	"	George L. Hamel.
3d	"	John G. Dillehunt.
4th	"	Dr. Thomas Kelly.
5th	"	Wm. M. Ives.
6th	"	John F. Hancock.
7th	"	Robert H. Sinclair.
8th	"	John Johnson.
9th	"	Alex. L. Spear.
10th	"	John T. Morris.
11th	"	John P. Poe.
12th	"	T. J. Magruder.
13th	"	J. L. Lawton.
14th	"	G. S. Griffith, Jr.
15th	"	John Ferry.
16th	"	Wm. R. Brewer.
17th	"	H. B. Roemer.
18th	"	C. Emmerich.
19th	"	I. T. Stoddard.
20th	"	B. H. Hobbs.

ORGANIZATION.

The organization of the Board was effected on Tuesday, February 10, by the re-election of John T. Morris, Esq., President, and H. M. Cowles, Secretary.

RESIGNATION AND APPOINTMENT.

John G. Dillehunt, Esq., resigned his position as a member of the Board from the Third Ward; on June 7th, James Henderson, Esq., was elected to fill the vacancy.

STANDING COMMITTEES.

At a regular meeting of the Board on Tuesday, February 17, the President announced the following Standing Committees and the Local Committees on the various grades of schools:

Baltimore City College.—Messrs. Hancock, Kelly, Griffith, Sinclair and President.

Female High Schools.—Messrs. Poe, Hamel, Roemer, Ives, Magruder, Dillehunt and President.

Normal School.—Messrs. Griffith, Poe, Hancock and Superintendent.

Grammar Schools.—Messrs. Hobbs, Roemer, Lawton, Emmerich and Dillehunt.

Primary Schools.—Messrs. Sinclair, Creagh, Ferry, Stoddard and Spear.

Books.—Messrs. Hamel, Poe, Hobbs, Griffith, Brewer and President.

Furniture.—Messrs. Ives, Lawton, Creagh, Brewer and Johnson.

Music.—Messrs. Stoddard, Roemer, Magruder, Creagh and Dillehunt.

Discipline.—Messrs. Johnson, Sinclair, Magruder, Hobbs, Roemer and President.

Accounts.—Messrs. Magruder, Lawton, Ives, Hobbs and Johnson.

Expenditures.—Messrs. Roemer, Lawton, Griffith, Ives, Spear and President.

Examinations.—Messrs. Dillehunt, Kelly, Stoddard, Superintendent and Assistant Superintendent.

Bi-weekly Reports.—Messrs. Spear, Ferry and Johnson.

Conference.—Messrs. Ferry, Poe, Dillehunt, Hobbs and Ives.

Buildings.—Messrs. Emmerich, Brewer, Kelly, Spear and Griffith.

Printing.—Messrs. Creagh, Sinclair and Emmerich.

Health.—Messrs. Kelly, Hancock and Stoddard.

Drawing.—Messrs. Lawton, Spear, Hamel, Stoddard and Hancock.

Colored Schools.—Messrs. Brewer, Poe, Hamel, Emmerich and Ferry.

English and German School.—Messrs. Poe, Hamel, Hobbs, Emmerich, Roemer and President.

COMMITTEES ON GRAMMAR SCHOOLS.

No. 1—Male and Female—Messrs. Griffith and Lawton.
No. 2 " " " Dillehunt and Hamel.
No. 3 " " " Hancock and Dillehunt.
No. 4 " " " Ferry and Roemer.
No. 5 " " " Johnson and Ives.
No. 6 " " " Magruder and Hobbs.
No. 7 " " " Creagh and Hamel.
No. 8 " " " Emmerich and Griffith.
No. 9 " " " Spear and Poe.
No. 10 " " " Roemer and Ferry.
No. 11 " " " Hancock and Sinclair.
No. 12 " " " Brewer and Griffiith.
No. 13 " " " Ives and Johnson.
No. 14 " " " Kelly and Spear.
No. 15 " " " Stoddard and Emmerich.
No. 16 " " " Creagh and Hamel.
No. 17 " " " Hamel and Creagh.
No. 18 " " " Lawton and Hobbs.
No. 19 " " " Poe and Magruder.
No. 20 " " " Sinclair and Ives.
No. 21—Unclassified—Messrs. Hobbs and Stoddard.

COMMITTEES ON PRIMARY SCHOOLS

No.	1	Male and Female	Messrs.	Lawton and Griffith.
No.	2	"	"	Kelly and Dillehunt.
No.	3	"	"	Creagh and Hamel.
No.	4	"	"	Ferry and Roemer.
No.	5	"	"	Sinclair and Ives.
No.	6	"	"	Hamel and Creagh.
No.	7	"	"	Ives and Hancock.
No.	8	"	"	Dillehunt and Hancock.
No.	9	"	"	Poe and Spear.
No.	10	"	"	Brewer and Emmerich.
No.	11	"	"	Stoddard and Lawton.
No.	12	"	"	Brewer and Griffith.
No.	13	"	"	Hancock and Johnson.
No.	14	"	"	Magruder and Hobbs.
No.	15	"	"	Stoddard and Emmerich.
No.	16	"	"	Johnson and Ives.
No.	17	"	"	Roemer and Ferry.
No.	18	"	"	Hobbs and Magruder.
No.	19	"	"	Magruder and Poe.
No.	20	"	"	Sinclair and Ives.
No.	22	"	"	Emmerich and Brewer.
No.	23	"	"	Ives and Kelly.
No.	24	"	"	Spear and Kelly.
No.	25	"	"	Hamel and Dillehunt.
No.	26	"	"	Hancock and Dillehunt.
No.	27	"	"	Creagh and Hancock.
No.	28	"	"	Roemer and Ferry.
No.	29	"	"	Ferry and Roemer.
No.	30	"	"	Emmerich and Stoddard.
No.	32		"	Creagh and Hamel.
No.	33		"	Griffith and Brewer.

COMMITTEE ON COLORED GRAMMAR SCHOOL.

No. 1—Male and Female—Messrs. Poe and Spear.

COMMITTEES ON COLORED SCHOOLS.

No.	1	Male and Female	—	Messrs. Spear and Kelly.
No.	2	" "	"	Ives and Johnson.
No.	3	" "	"	Ferry and Roemer.
No.	4	" "	"	Hobbs and Magruder.
No.	5	Male	"	Hamel and Creagh.
No.	7	"	"	Griffith and Lawton.

NUMBER OF SCHOOLS.

Baltimore City College	1
Female High Schools	2
Male Grammar Schools	19
Female Grammar Schools	20
Saturday Normal Class	1
Male Primary Schools	28
Female Primary Schools	30
Evening Schools	6
Day Schools (colored)	11
Evening Schools (colored)	4
	122

MALE TEACHERS.

Professors, Baltimore City College	11
Female High Schools	2
Normal Class	2
Male Grammar Schools	30
Professors of Music	5
Evening Schools (white)	16
Day Schools (colored)	9
Evening Schools (colored)	14
	89

FEMALE TEACHERS.

Female High Schools	17
Normal Class	3
Male Grammar Schools	78
Female Grammar Schools	110
Male and Female Primary	315
Drawing Teachers	8
French Teachers	2
Colored Schools	39
Total	661

OUR FEMALE HIGH SCHOOLS AND CITY COLLEGE.

Our FEMALE HIGH SCHOOLS have been so frequently noticed that there is but little to present concerning them that would be new or especially interesting.

They have maintained that excellence which has secured the popular favor, and are doing the work assigned to them in a creditable manner. In the arrangement of the course of study, an effort has been made this year to give more attention to the practical subjects of the course, and to render more efficient the whole work of the schools. The immaturity of mind which characterizes some of those who enter upon the first year of study will always retard their progress. I have in previous reports made especial mention of this evil, and suggested that something should be done to correct it. I know that it is a delicate subject to handle, in view of the great popularity of these schools and the great anxiety of parents to have their children in them. The additional requisitions for admission this year, it is earnestly hoped, will secure a more thorough development of the intellectual faculties, and prove to be of great benefit to all applicants for admission.

THE CITY COLLEGE. In all probability the new building for the boys will be occupied before this report is published. A full description of the new City College was given in the last

annual report, and it is unnecessary to say more on this point. Those who are interested will visit the College and see for themselves. After many years of effort upon the part of school officers, success has crowned their labors, and a building worthy of the great interest which is involved has been erected and dedicated to the promotion of public education. It is an ornament to the architecture of our city, and though standing by the side of that massive structure, the Academy of Music, it loses none of its beauty nor suffers the least by contrast.

Its interior arrangements will enable the professors to perform their respective duties with more facility and more efficiently than they have ever been able to do. The future of this school is bright with promise, and the hope is reasonably indulged that Baltimore City College will begin a new career of usefulness that will reflect credit upon the present city administration for its liberality, renown upon its professors and students, for their efficient work, and at an early day prove to be a substantial contribution to the happiness and prosperity of the whole city.

PRIMARY AND GRAMMAR SCHOOLS.

The most important grade of schools in our system is the Primary. When good work is done here, it renders the labor of instruction in higher subjects pleasant and easy of performance. Our Primary Schools have given evidence of advancement in the subjects to which their attention has been directed. The advancement is by no means equal in all cases; but in some respects there has been fair progress, very generally. From the report of the Assistant Superintendent, B. C. Reed, Esq., I make the following extract concerning the Primary Schools:

"The beginning of a new year is a good stand-point from which to retrospect the year that has passed. Thus viewing our Primary Schools, I see that during the year much was left

undone. I see also that much was accomplished. Teachers observe more carefully the rules for their government—they are more punctual in attendance at their respective posts, as required; the recess is better regulated; more system characterizes dismissal; gradation has advanced; less force is exercised in government; and more *vim*, spirit and life prevail throughout the system generally. It is true that perfection has not been attained in any of these respects, but progress has been made in all of them. It would not be reasonable to expect more. Our teachers are not angels; they are of the "earth, earthy." They cannot, therefore, attain excellence by mere volition, or at a leap. But they are earnest strivers in the field of duty, and are aiming high, as results already reached give assurance of, and as future results, I hope, will fully demonstrate."

Our Grammar Schools during the year have generally performed well the work assigned to them. Their conditions being somewhat unequal, it cannot reasonably be expected that all will present the same kind and degree of superiority. These schools are engaged so largely in the intellectual as distinguished from the mechanical, that true success requires the mental development of pupils. And as the teacher comprehends and applies this principle, so will the instruction given prove to be permanent and profitable. It is just to state that the efforts of teachers to unfold the intellectual faculties, and by degrees to strengthen the reasoning powers, have secured good results. We advise them to continue their labors in this direction, and although they may not obtain success on so large a scale as they might secure on a forcing treatment, yet they may be assured that their work, when well done, will be lasting and creditable.

THE COLORED SCHOOLS.

The number of pupils in the Colored Schools is somewhat larger than it was last year. The increase is not what it should have been, in consideration of the facilities which are offered for instruction. There has been, however, a very great improvement in the teaching, and the evidences of intelligent work by the scholars are very gratifying. A new school-house for Male and Female Colored No. 2 is nearly completed, and will furnish all the accommodations and conveniences that are to be found in our best school buildings. The school that will occupy the new house has for six years encountered great difficulties, yet under trying circumstances it has performed a good work. We trust that this evidence of a generous regard for the interest involved will awaken a new anxiety among the colored people for the education of their children. We have at this time several excellent school-houses for colored pupils, and further efforts will be made in this behalf, until all the schools are supplied with necessary facilities, both to make them attractive and to do good work.

Colored Grammar School No. 1 deserves mention for the success that has attended the labors of its teachers. Its reflex influence upon the Primary Schools is very much of the nature of our High Schools upon the Grammar Schools. It has proved an excellent stimulant to the lower schools, and, now that the property occupied by this school is owned by the city, it can be enlarged to receive all well qualified pupils from the Colored Primary Schools.

DRAWING.

This is a subject of great importance to our pupils, and is taking a prominent place in our system of public instruction. Says Walter Smith, Professor of Art education in Boston: "To make national art education possible, it must commence with the children in public schools. To establish schools of

art and art galleries before the mass of the community are taught to draw, is like opening a university before people know the alphabet."

In our schools drawing has been taught successfully in the Female High Schools for more than ten years. It has been taught in the Primary and Grammar Schools for two years, and will be introduced in the City College in a short time. It is so closely allied to writing that those who excel in one usually excel in the other, and thus they prove to be mutual helpers.

Miss Lough, teacher of drawing in Grammar Schools, Eastern District, reports:

Until September, the number of grades taught in the several schools had been by no means uniform, varying with the size and character of the school, but since that time all the classes in both the male and female departments have come under instruction.

In all but one school, each class receives a lesson once a week; this has only been accomplished by the willing co-operation of the Principal and the assistance of the regular teachers. *They*, indeed, are the arbiters of how much and how well the work is done; *they* give tone to the class.

Occasional lessons in Map Drawing were given during last year at Female Grammar Schools Nos. 13, 20 and 5, which excited a good deal of interest. I found both pupils and teachers partial to it. This year it has been again taken up at 13 by one of the regular teachers. It stands so nearly related to geography that I have not felt justified in teaching it personally until the free-hand system is thoroughly established. Under present circumstances it appears only feasible in the first grade; any arrangement by which it is placed on their schedule will be gladly seconded by me.

As writing and drawing are both hand exercises, in some cities these studies alternate; both do not occur on the same

day. If a like arrangement would meet your approval, I think it would be kindly received in the schools.

Miss Davis, teacher of drawing in Grammar Schools, Western District, reports:

In compliance with your request I submit my second annual report of the drawing in the Grammar Schools of the Western District.

The change made in the schedule of work for the past year has slightly changed the character of the instruction given, the drawing having been extended to the second grade, and in some instances to the first grade. The number of pupils to be taught in the same length of time has, of course, greatly increased, so that the personal instruction and attention at first bestowed upon them have been given up, and they are required to depend more upon black-board explanations. I do not regard this as a disadvantage as far as instruction is concerned, provided proper discipline is preserved during the lesson. The time allotted for drawing is usually divided into three lessons of equal length—two and sometimes three classes being taught at the same time, where it is at all practicable. In some of the schools it is impossible, from the construction of the buildings, to combine the classes; in such cases, the pupils of the lower classes receive but one lesson in two weeks.

The scholars are undoubtedly interested and attentive, and, I think, do well. The amount of work accomplished in the respective schools varies according to the regularity of the lessons and the facilities afforded for teaching. Where the lessons have been regularly given in each grade, the instruction has extended from Book No. 1 through No. 3 of Bartholomew's System. In some of the schools, however, the improvement has not been so rapid, owing to many, perhaps, unavoidable difficulties, which prevent the teaching of every class once a week. In several schools the teachers very kindly

assist by seeing that the scholars pay proper attention to the instruction given, thereby greatly aiding me in my work.

Notwithstanding the difficulties connected with this department, I feel confident that real progress is being made.

We are much encouraged to find that the schedule for the present year places the drawing upon a basis with the regular studies of the schools, and trust that this step will result in a still more noticeable improvement.

Miss Keech, teacher of drawing in Primary Schools, Eastern District, reports:

Previous to April, the lessons occurring only once in two weeks, the progress was necessarily very slow. Since that time the work having been extended through four grades, and the number of schools that I am required to visit having been decreased, I am able to visit my classes once a week, and consequently there has been a steady improvement. This shows plainly how much more might be accomplished, if with the co-operation of the regular teachers the lessons could be given every day. There seems to be a perfect willingness on the part of teachers to help, but their complaint is always a want of time.

I endeavor to keep the classes together in their work as far as it is possible. Difficulties occur in the lower grades from the crowded condition of the classes and the want of desk-room. The benches that are used in those classes do not answer the purpose at all; it is impossible for the children, crowded as they are, to keep their slates in proper position, and it is very necessary that they should in the very beginning learn to do that. There should be desks put in all the class-rooms where drawing is taught.

Miss Makibbin, teacher of drawing in Primary Schools, Western District, reports:

Increasing interest has been manifested during the past year by teachers and scholars. On account of the crowded con-

dition of the classes I have not been able to throw them into one, in order to gain more time for instruction, but have had to divide the time equally among the four classes.

In some schools the lesson that I give is reviewed by the teacher, in order that when I come again I may take up something else.

The improvement in the past has been such as to lead to hope for the future.

Miss Mullin, teacher of drawing in the Primary Schools, Eastern District, reports:

In compliance with the rule, I respectfully lay before you my report of the progress of drawing in the Primary Schools of which I have been teacher for the year ending October, 1874.

We cannot look for rapid improvement in any study where small children have but one short lesson weekly, yet with our limited facilities the classes are making reasonable advancement. Were we able to make arrangements for the frequent practice of the drawing lesson, the result would be much more satisfactory. The pupils appear interested in their work, and in some instances surprise and gratify me with the neatness and accuracy of their drawings.

Miss Coulson, teacher of drawing, Western District, reports:

Since my election to the position of teacher of drawing in the Primary Schools of the western section of the city, I have been following the order laid down on the schedule, visiting seventeen schools once a week, and teaching four grades.

I find the children improve faster than when the lessons were given only once in two weeks, and since the lower grades have been taught. I think the examination in drawing will increase the interest of both teachers and scholars.

ENGLISH AND GERMAN SCHOOLS.

The City Council having requested the Board of School Commissioners to consider the propriety of introducing the German language into the Public Schools, the subject was referred to a special committee.

This committee reported that it was not expedient to introduce the German language into the schools, but recommended the establishment of four schools in different parts of the city, in which both English and German should be taught. The Board resolved to establish one school of this kind, as an experiment.

On the 1st of December, 1874, English and German School No. 1 was opened on Biddle Street, near Pennsylvania Avenue, and has increased so rapidly in numbers and become so popular, that six teachers are employed in a school that formerly had but three. The school now numbers 260 pupils and is in good condition.

MUSIC.

In this subject, the year that has closed was marked by the introduction of chart teaching. We think we can safely say that there has been great improvement made in the Musical Department generally. Professor Rosewald, teacher of music in the Eastern High School, and Eastern District Primaries, makes the following report:

It affords me great pleasure to inform you that the Primary and High Schools under my charge are in excellent condition, and that I have not the slightest complaint to make of any dereliction of duty on part of any of the teachers, who have, since my last report, used more than ordinary care in imparting the instructions left by me. The young ladies sent by me to the Peabody Conservatory of Music passed a creditable examination, and received great praise from the Director of that institution for the progress they had made in the study of Harmony.

I would respectfully suggest that, as a means of still greater progress in the Primary Schools, the children be required to write music on their slates, or on paper ruled for this purpose. I think that this plan would indelibly fix the names of the notes on the pupils' mind, and further the final object in view, "sight reading."

Professor Deems, teacher of music in the Western Female High School, and Western District Primaries, reports as follows:

During the past year my duties have been confined to the Western Female High School, and Western Primaries, and it affords me pleasure to say that in almost every case the classes have done well, and their progress has been satisfactory.

Through the efficient co-operation of the teachers, the first classes of the Primary Schools are prepared to sing exercises written in common or four-four time, two-four, three-four, and in some instances three-eight time, containing intervals of the second, third, and fourth. Singing by note has been attended with success, and the results in the past few years prove that it is much better to commence with the elementary part of music in these schools, than to defer it until the children are admitted to the Grammar Schools.

Professor Percivall, teacher of music in Eastern District Grammar Schools, reports as follows:

I have great pleasure in reporting to you the increased attention paid during the last year to music in the Public Schools under my direction, and the great improvement made. In the study of this art, too much of our time previously had to be devoted to the theory, and too little to the practice.

The introduction of the charts has been of great benefit, and the children and teachers, now beginning to understand their value, and perceiving the benefits of a system they can grasp, readily give the time allowed to the study, and are anxious to

exceed. Our labor is much greater, but so is our pleasure. Our object is to cultivate correct taste and facility in reading music. On pages 21, 29, 34, 36, 41, the arrangement of Major 3ds and 2ds with Minor 2ds and 5ths are peculiar, and apparently easy for cultivated voices, and although they contain great difficulties, all the scholars can sing in the three scales.

Professor Tarbutton, teacher of music in the Grammar Schools, Western District, reports as follows:

Having entered again upon the duties of teacher of music in the Grammar Schools (Western District) at the opening of the present session, I can only give you a report from that period to date.

The facilities for teaching have been greatly augmented by the use of "Music Charts," and I am free to say that I have never before seen so much interest manifested by children in the subject of music as I have witnessed since these charts have been introduced. The exercises are simple, instructive, and pleasing, calculated to lead the pupils to certain success.

My labors have been rendered exceedingly pleasant by the faithful and efficient manner in which the teachers have carried out my instructions. It would, however, greatly facilitate the teaching if each class-room was provided with a chart, as with only one for each school, much inconvenience is experienced, and progress is retarded.

The closest attention to duty is imperatively demanded to enable me to review nearly one hundred classes each week, but the pleasure afforded by the courtesy extended by the teachers, and the prompt obedience of the pupils enable me to accomplish my work with a good degree of comfort to myself.

Professor Grady, teacher of music in Primary and Colored Schools, reports:

	Schools.	Grades.				
	Nos.	*1st.*	*2d.*	*3d.*	*4th.*	*5th.*
Colored.	M. & F. G. No. 1.	Excellent.	Very good.	Indifferent.	.....	....
"	M. P. No. 1.....	Good.	"	Very good.	.....	....
"	F. P. No. 1.....	Very good.	"	"	.....	....
"	M. P. No. 2.....	"	Good.	Good.	Good.	Very good.
"	F. P. No. 2.....	Excellent.	Excellent.	Very good.	Very good.	"
"	M. P. No. 3.....	Indifferent.	Very good.	"	Excellent.	"
"	F. P. No. 3	Excellent.	Excellent.	Excellent.	Very good.	"
"	M. P. No. 4.....	"	Very good.	Very good.	.....	.....
"	F. P. No. 4.....	Very good.	"	"	Good.	.....
"	M. P. No. 5.....	"	Indifferent.	"	"	.....
"	M. & F. P. No. 7..	Excellent.	Very good.	Good.	Very good.	Good.
White...	M. P. No. 4.....	"	Excellent.	Very good.	"	"
"	F. P. No. 4.....	"	"	Excellent.	"	Very good.
"	M. P. No. 14.....	Very good.	Good.	Good.	Good.	"
"	F. P. No. 14.....	"	Very good.	Very good.	.....	.....
"	M. P. No. 15.....	Excellent.	Excellent.	Excellent.	Excellent.	Excellent.
"	F. P. No. 15.....	"	"	"	Very good.	Very good.
"	M. P. No. 16.....	Very good.	Very good.	Very good.	"	Good.
"	F. P. No. 16.....	"	"	"	"	Very good.
"	M. P. No. 22.....	"	"	"	"	"
"	F. P. No. 22.....	"	"	"	"	"
"	M. & F. P. No. 33.	"	"	"	.....	.....

Having been connected with the Public Schools of Baltimore but two months, I shall confine my remarks mostly to that period.

Previous to my appointment, with the exception of a short time, as you are aware, the Colored Schools were without a teacher of music. The pupils received only such instruction in music as enabled them to sing, by *rote*, simple melodies used at the opening and closing of school. Such being the case, one of my first efforts was to make the children familiar (by the aid of the black-board as well as the chart) with the most common musical terms and characters.

It has been my custom to begin teaching every class at the first page of the Primary School Chart, without regard to the grade of the class, thus insuring uniformity of system. Many, I might say the large majority of the Colored Schools, have made commendable progress; but in some there is not the interest taken in and the attention given to the lessons, that is so praiseworthy in others.

It is with pleasure that I note a remark frequently made to me by the teachers: namely, that the children love music, and anxiously look forward to "music-day;" and on that day the classes have an increased attendance.

The six white Primary Schools under my charge are, without exception, doing their work faithfully and well.

SATURDAY NORMAL CLASS.

By resolution of the Board, a Saturday Normal Class for the instruction of newly-appointed teachers was organized on the 12th September, 1874. Classes of this kind have been carried on for ten or twelve years, and have proved to be of great value to those who take any interest in the work performed.

In the report for the year 1860, Geo. N. Eaton, Esq., President of the School Board, makes the following remarks: "The indispensableness of Normal School teaching is recognized by all who are intelligent on the subject of education. A teacher

is not necessarily qualified for the office, by the ordinary processes of school instruction, and for our graduates of the High Schools, some training in the art of teaching is undoubtedly advisable and requisite before the important trust of guiding other minds should be confided to them. Instruction of this kind is not only a great boon, but an indispensable prerequisite to those who intend to be teachers, and who desire to be useful in this employment. When the opportunity is offered so freely, those who do not avail of its privileges are chargeable with real injustice to themselves." The Saturday Class, in the charge of its present excellent Principal and able Assistants, has proved to be a great success. A most extraordinary interest has been manifested by those who attend, and the good that is accomplished will be felt in the increased efficiency of our teachers. The class numbered at the closing of this report 187, with an average attendance of 150.

From the report of Mr. Wm. F. Wardenburg, Principal of the Saturday Normal Class, I extract the following:

The total enrollment of the Normal Class since its organization, September 12, 1874, has been two hundred.

The school is divided into five classes, and is worked on the schedule plan, by which each class is brought, at every session, into contact with all the teachers.

The special departments of penmanship, music and drawing were formed for the purpose of aiding our teachers in acquiring some proficiency in branches which may, hereafter, be part of their regular duties.

The great work of the school is to show "what to teach" and "how to teach it;" to furnish our schools with trained teachers—men and women so imbued with the true spirit of education, so conscientious in the performance of the great work committed to their charge, that, refusing to obtain results by the pernicious practice of rote-drill, they will so teach as to make thoughtful and reliable pupils.

While we are unable as yet to make any conjecture as to the value of the class as an adjunct to our system, we are prepared to assert with positiveness that even within the limited time of our existence evidence has not been wanting to prove that the work is having good effect.

That our success has been as great as it should have been we cannot say, but we are consoled by the knowledge that all good things grow slowly. Perhaps the very difficulties and discouragements with which we have met have been valuable aids in arousing us to a closer consideration of how to make the work living and attractive. It must not be forgotten that the attendance of our teachers is purely voluntary, and that the normal condition of mankind is to slight all work not enforced by law and penalty. The question arises, How are we to get our teachers to attend, and, after we have secured their attendance, how are we to retain it? Under existing circumstances, this can only be done by a practical demonstration that the pupils of the Normal Class do their work better than others, and meet the requirements with more facility and to better purpose.

The efficiency of any system depends almost entirely upon the qualifications of its teachers. Normal Schools are, therefore, commanding the attention of communities alive to the importance of proper school-keeping.

The insignificant and barren results of our elementary schools, after such an expenditure of time and money, have at last demonstrated the importance of having skilled labor in that profession which deals with the costly material of human intellect.

Our Class is but a feeble instrument for the accomplishment of so great a work. No standard for admission, no practice-schools, and my own inexperience in teaching the "art of teaching," are stumbling-blocks, and doubtless impair our efficiency; but the good seed has been planted, and we have no fear that the harvest will not be abundant.

In conclusion, allow me to bear testimony to the fidelity and energy of my assistants, and to return my thanks to yourself and others who have so kindly advised and encouraged me in the prosecution of my labors as Principal of the Saturday Class.

STUDIES.

It is a question of no little importance to determine what is best in this regard for our Grammar Schools. Our High Schools are well adapted to meet the wants of those who are willing, and can afford the time, to pursue an extended course of study; they furnish the means for the acquisition of a fair amount of literary culture.

During the last summer, upon application from the entire class finishing the fourth year course in Baltimore City College, another year for study was added, in order that the utility of making the whole course one year longer might be tested. The evidence thus far given seems to warrant the opinion that an additional year of study will be of great value to the students of the College.

This age is intensely practical, and no course of study should be so inflexible as not to permit alterations to meet the demands of the times. The oldest and best colleges of the country have been compelled, by force of circumstances, to put aside those studies which were once considered essential to literary culture, and to substitute for them such studies as relate to the more practical requirements of the day. The principle is now well settled, that the education of the people does not consist in a fixed amount of knowledge of the Ancient Languages, of the English Classics, of Mathematics, or of Natural Science, but it does consist in the adaptation of studies to the necessities of the hour. And in so far as education prepares young men and young women to perform the duties of life successfully, when the demand for service is made upon them, just so far, and no farther is the work of the schools well done. How to secure

good results for our pupils is the problem which should engage the best mental efforts of all officially connected with our schools.

It is a difficult thing to break away from the customs of the past, even in educational matters. It is difficult to convince those who were fairly educated twenty years ago, that any other than a routine course of study, such as they had, can possibly be made profitable to the young. Hence, if we follow such persons as leaders, they would compel attention to subjects as dry and barren of interest as technical grammar is to a child nine years of age. These well-meaning people scout at the idea of teaching the elements of the Natural Sciences to children. They are scarcely able to appreciate the language of Carlyle, who said: "It has been one of my constant regrets that no schoolmaster of mine had a knowledge of natural history, so far, at least, as to have taught me the grasses that grow by the wayside, and the little winged and wingless neighbors that are continually meeting me with a salutation I cannot answer, as things are. Why did'nt somebody teach me the constellations, and make me at home in the starry heavens which are always over head, and which I don't half know to this day?"

May not some of our own children, in the future, not distant, with hearts full of feeling, and in sympathy with nature, referring to their school teachers, utter similar sentiments, by saying: "Why did not some one teach me the elements of chemistry, natural philosphy and botany?"

There is no good ground for the opinion that our pupils have too much to do. Investigation has been made frequently, and the result obtained does not justify the assertion, that more is given than can be performed. The great difficulty of all schools, is to secure proper attention to study. The number of studies is not the source of trouble when they are so distributed that but two or three require attention on the same

day. The trouble comes from those persons who pretend to believe that all play and no work will make Jack a smart boy.

Superintendent Philbrick, of Boston, refers to this topic in the following language: "I often hear the opinion expressed by well-meaning but not very competent critics, that our children have too many studies. Some of these critics would have only the three R's taught—*to other people's children;* for their own, they might admit that something more would be of some utility. These schools, the Primary and Grammar, as organized, are intended to afford a good elementary education, such as the child of the poorest parents may aspire to, and such as may be acquired by regular attendance at school from the age of five to fourteen. The programmes in these schools, as they now stand, are the result of much study and investigation. The programme of the Primary Schools has been in use for about ten years. The Grammar School programme has been in operation for six or seven years, with no material change excepting some modifications in respect to the subjects of music and drawing. The framing and introduction of these programmes were important steps of progress. To understand how important they were, one must know what our schools *were* as well as what they *are*.

"During the past year I have made a thorough study of the systems of elementary education in all the most advanced countries in the world, and I find nothing in all this investigation to justify the flippant criticism which we hear about the multiplicity of studies in our elementary courses of instruction. If our programmes are wrong in this respect, then all the most approved systems in foreign countries are also wrong—systems which are the result of generations of experiments, and of profound study. No, there is not a single subject of study that can safely be stricken out of the programmes of our Grammar and Primary Schools. The trouble is not in the excessive number of subjects of study; it is in not know-

ing yet just how to gauge and handle all the subjects in the proper manner."

TEACHERS.

It is not saying too much that the condition of the schools at the present time is an improvement on any former condition. All the grades of schools—Primary, Grammar, High Schools, and City College—have given during the last year substantial evidence of progress. Teachers, very generally, have performed their duties faithfully and efficiently, and the work has prospered in their hands. We entertain no Utopian ideas on the subject of perfect teachers. There are, in proportion to the number employed, as many imperfect teachers as there are imperfect lawyers, doctors, preachers, editors, etc., and there are as many teachers who reach great excellence in their profession as there are persons who approximate excellence in any other profession. There seems to be a spirit of unkind and unjust criticism directed towards teachers, simply because they are teachers. And oftentimes the fault of a single individual is seized upon, and made a subject of general application. We do not suppose that any rational human being entertains the idea that every teacher is faultless, and will, therefore, be able to meet the particular views of every parent. Teachers inherit the weaknesses that belong in common to a great many very good people. That it is the duty of teachers to make constant efforts to free themselves from the influence of such weaknesses, all will agree. That they do honestly make such efforts, those who know them best are prepared to declare; and yet they are not perfect. A little more of that charity of which we all are in need, if exercised towards teachers, will not only do them good, but prevent the doing of much harm to the schools.

Respectfully submitted,

WM. R. CREERY, *Superintendent.*

TABLES ACCOMPANYING SUPERINTENDENT'S REPORT

SHOWING THE

Number of Pay Scholars, Number of Free Scholars, the Number on Roll October 31, 1874, the Average Attendance, the Number of different Pupils in School during the Year, and Number of Teachers.

SCHOOLS.	Pay.	Free.	On Roll.	Average Attendance.	Number in School during the year.	Number of Teachers.
Baltimore City College	359	41	400	375	493	11
Eastern Female High School	283	70	353	310	488	12
Western Female High School	362	46	408	372	593	13
	1004	157	1161	1057	1574	36
Male Grammar No. 1	213	60	273	231	410	7
" " 2	209	151	360	330	537	9
" " 4	103	108	211	192	303	6
" " 5	51	105	156	132	263	4
" " 6	265	37	302	260	423	7
" " 7	22	53	75	65	131	3
" " 8	105	107	212	178	327	5
" " 9	121	80	201	184	305	5
" " 10	99	133	232	198	304	6
" " 11	78	133	211	180	296	5
" " 12	63	80	143	125	199	4
" " 13	141	84	225	192	336	6
" " 14	95	91	186	165	294	5
" " 15	260	90	350	292	499	9
" " 17	101	104	205	176	295	5
" " 18	109	85	194	175	289	6
" " 19	96	56	152	135	257	5
" " 20	97	120	217	167	310	5
" (unclassified) 21	203	110	313	288	459	6
	2431	1787	4218	3665	6235	138

SCHOOLS.	Pay.	Free.	On Roll.	Average Attendance.	Number in School During Year.	No. of Teachers.
Female Grammar No. 1	336	61	397	331	568	9
" " 2	171	179	350	267	505	7
" " 3	94	55	149	124	218	4
" " 4	114	101	215	177	319	5
" " 5	53	130	183	158	275	5
" " 6	199	61	260	211	353	6
" " 8	167	157	324	273	451	7
" " 9	57	80	137	123	188	4
" " 10	105	149	254	221	338	6
" " 11	79	141	220	180	301	5
" " 12	65	75	140	126	212	4
" " 13	190	86	276	250	375	7
" " 14	96	106	202	158	224	5
" " 15	197	96	293	237	478	7
" " 16	10	99	109	78	140	2
" " 17	121	127	248	213	340	6
" " 18	125	106	231	194	323	5
" " 19	93	38	131	110	216	4
" " 20	105	119	224	195	318	5
" (unclassified) 21	203	153	356	285	517	7
	2580	2119	4699	3901	6659	110

SCHOOLS.	Pay.	Free.	On Roll.	Average Attendance.	Number in School During Year.	No. of Teachers.
Male Primary No. 1	336	156	492	469	728	9
" " 2	36	147	183	134	270	4
" " 3	95	179	274	214	431	6
" " 4	108	207	315	280	473	7
" " 5	25	277	302	217	390	5
" " 6	126	166	292	236	413	6
" " 7	80	180	260	205	402	6
" " 8	80	156	236	185	360	5
" " 9	40	160	200	146	267	4
" " 10	68	195	263	202	389	5
" " 11	46	195	241	190	361	5
" " 12	96	292	588	334	610	8
" " 13	47	201	248	216	340	6
" " 14	163	107	270	212	393	6
" " 15	208	153	361	300	552	7
" " 16	18	207	225	185	384	5
" " 17	69	277	346	270	502	7
" " 18	136	57	193	156	297	4
" " 19	44	94	138	106	293	3
" " 20	118	324	442	350	641	8
" " 22	27	255	282	221	410	6
" " 23	52	156	208	152	340	4
" " 25	39	131	170	136	219	4
" " 26	60	190	250	180	347	5
" " 27	81	166	247	202	348	5
" " 28	33	248	281	218	428	6
" " 29	36	152	188	146	267	4
" " 30	106	156	262	184	441	5
	2393	5164	7557	6046	11217	155

SCHOOLS.	Pay.	Free.	Roll.	Average Attendance.	Number in School during year.	Number of Teachers.
Female Primary No. 1	250	143	393	335	514	8
" " 2	45	120	165	142	284	4
" " 3	115	201	316	270	461	8
" " 4	107	188	295	341	461	6
" " 5	42	253	295	232	454	6
" " 6	104	165	269	216	408	6
" " 7	92	179	271	206	418	5
" " 8	79	109	188	150	273	4
" " 9	69	187	256	217	393	6
" " 10	76	140	216	176	339	5
" " 11	54	202	256	208	403	6
" " 12	73	320	393	318	556	8
" " 13	74	202	276	211	388	5
" " 14	77	69	146	125	225	3
" " 15	213	124	337	274	541	7
" " 16	13	249	262	188	425	5
" " 17	76	272	348	278	503	8
" " 18	111	73	184	150	319	4
" " 19	53	103	156	134	260	4
" " 20	148	226	374	297	535	4
" " 22	27	303	330	271	478	7
" " 23	70	134	204	155	289	4
" " 25	37	118	155	115	236	3
" " 26	45	169	214	190	298	5
" " 27	109	175	284	213	384	5
" " 28	26	237	263	212	380	6
" " 29	42	141	183	134	283	4
" " 30	90	139	229	185	366	4
" " 32	56	149	205	157	312	4
" " 33	119	42	161	133	235	3
	2492	5132	7624	6233	11421	160

EVENING SCHOOLS.

SCHOOLS.	Pay.	Free.	On Roll.	Average Attendance.	Number in School During Year	No. of Teachers.
Evening School No. 2	0	140	140	117	140	4
" " 3	0	60	60	38	60	2
" " 4	3	115	118	80	118	3
" " 5	0	136	136	100	136	4
" " 6	1	81	82	44	82	2
" " 8	7	55	62	38	62	1
	11	587	598	417	598	16
Colored Evening School No. 2	106	65	171	107	171	.....
" " " 3	20	230	250	179	250	.....
" " " 5	35	100	135	82	135	.....
" " " 7	10	110	120	62	120	.....
	171	505	676	430	676	14

COLORED SCHOOLS.

Colored Grammar No. 1	38	84	122	100	168	3
Male Colored No. 1	16	150	166	85	287	3
" " 2	29	193	222	162	378	5
" " 3	35	221	256	198	441	6
" " 4	6	65	71	62	131	2
" " 5	16	138	154	130	298	4
" " 7	7	341	348	188	550	6
Female Colored No. 1	54	107	161	106	297	3
" " 2	8	292	300	189	454	5
" " 3	38	283	321	254	530	7
" " 4	24	230	254	139	426	4
	271	2104	2375	1613	3960	48

SUMMARY STATEMENT

Showing the number of Schools, Teachers, Pay Pupils and Free Pupils on Roll, October 31, 1874; Average Attendance and number of Different Pupils in School during the year.

	Number of Schools.	Number of Teachers.	Number of Pay Pupils.	Number of Free Pupils.	No. on Roll Oct. 31, '74.	Average attendance.	Number of different Pupils in School during the year.
Baltimore City College	1	11	359	41	400	375	493
Eastern Female High School	1	9	283	70	353	310	488
Western " " "	1	10	362	46	408	372	593
Male Grammar School	19	108	2,431	1,787	4,218	3,665	6,235
Female " "	20	110	2,580	2,119	4,699	3,901	6,659
Saturday Normal Class	1	5	.....	.....	200	.....	200
Male Primary Schools	28	155	2,393	5,164	7,557	6 046	11,217
Female " "	30	160	2,492	5,132	7,624	6,233	11,421
Evening Schools	6	16	11	587	598	417	598
Grammar School No. 1 (col'd).	1	3	38	84	122	100	168
Day Schools (colored)	10	45	233	2,020	2,253	1,513	3,792
Evening " "	4	14	171	505	676	430	676
Music Teachers	.....	5	.....	.....	.....	.....	.....
Drawing "	.....	8	.....	.....	.....	.....	.....
Teachers of French	.....	2	.....	.....	.....	.....	.....
	122	661	11,352	17,555	29,108	23,362	42,540

Number promoted to City College and High Schools..... 358
Number promoted to Grammar Schools.....2,613
——— 2,971

Total number of different Pupils in School during the year.....39,569

NUMBER IN DIFFERENT GRADES COMPARED—

For 1873 and 1874.

In Primary Schools—1874		15,181	
" " 1873		14,406	
Increase			775
In Grammar Schools—1874	8,917		
" " 1873	8,756		
Increase			161
In High Schools—1874	1,161		
" " 1873	1,115		
Increase			46
In Evening Schools—1873	1,002		
" " 1874	598*		
Decrease		404	
In Day Schools (Colored)—1873	2,386		
" " " 1874	2,375		
Decrease		11	
Evening Schools (Colored)—1874	676		
" " " 1873	664		
Increase			12
Total Increase			994

* This decrease in the number enrolled in the Evening Schools was caused by the application of the rule adopted by the Evening School Committee, which requires parents to go to the school when their sons are entered and to be responsible for their regular attendance.

PRIMARY SCHOOL EXAMINATION,

Monday, February 2, 1874.

	Examined.	Passed.	Admitted.		Examined.	Passed.	Admitted.
Male Primary No. 1	63	48	51	Female Primary No. 1	42	38	41
" " 2	26	17	19	" " 2	27	23	25
" " 3	30	27	28	" " 3	55	53	53
" " 4	22	14	21	" " 4	34	34	34
" " 5	21	12	13	" " 5	23	23	23
" " 6	31	23	28	" " 6	31	31	31
" " 7	29	28	28	" " 7	31	25	27
" " 8	18	16	18	" " 8	21	20	20
" " 9	15	15	15	" " 9	18	18	18
" " 10	30	15	21	" " 10	23	21	22
" " 11	22	20	20	" " 11	25	25	25
" " 12	32	29	31	" " 12	25	22	23
" " 13	28	26	26	" " 13	19	19	19
" " 14	25	18	21	" " 14	17	17	17
" " 15	31	8	31	" " 15	40	24	37
" " 16	25	14	21	" " 16	27	27	27
" " 17	16	16	16	" " 17	29	28	29
" " 18	17	16	16	" " 18	28	28	28
" " 19	24	18	21	" " 19	21	7	9
" " 20	13	13	13	" " 20	19	19	19
" " 21	14	4	7	" " 21	25	21	25
" " 22	24	20	21	" " 22	23	20	21
" " 23	21	14	16	" " 23	17	10	16
" " 24	5	5	5	" " 24	5	5	5
" " 25	20	20	20	" " 25	26	25	25
" " 26	29	22	22	" " 26	23	16	16
" " 27	28	26	28	" " 27	23	22	23
" " 28	16	15	16	" " 28	17	17	17
" " 29	15	12	14	" " 29	16	13	13
" " 30	17	13	16	" " 30	14	3	14
" " 32	21	21	21	" " 33	12	10	10
Boys.....	735	565	633	Girls.....	756	673	712
				Boys	735	565	633
				Total.....	1481	1238	1345

PRIMARY SCHOOL EXAMINATION,

Wednesday, July 1, 1874.

	Examined.	Passed.	Admitted.		Examined.	Passed.	Admitted.
Male Primary No. 1	43	20	43	Female Primary No. 1	30	30	30
" " 2	22	11	16	" " 2	28	28	28
" " 3	28	26	27	" " 3	31	27	29
" " 4	23	22	22	" " 4	33	33	33
" " 5	14	13	13	" " 5	21	21	21
" " 6	20	19	20	" " 6	35	33	34
" " 7	28	28	28	" " 7	38	33	33
" " 8	21	19	20	" " 8	16	16	16
" " 9	21	21	21	" " 9	25	25	25
" " 10	30	24	26	" " 10	17	17	17
" " 11	25	21	22	" " 11	34	32	33
" " 12	31	31	31	" " 12	30	28	29
" " 13	16	16	16	" " 13	15	15	15
" " 14	25	24	24	" " 14	15	15	15
" " 15	26	12	15	" " 15	23	16	21
" " 16	18	15	18	" " 16	18	18	18
" " 17	22	21	22	" " 17	32	31	32
" " 18	23	21	21	" " 18	23	22	23
" " 19	27	21	21	" " 19	24	22	22
" " 20	21	21	21	" " 20	26	26	26
" " 21	20	10	10	" " 21	21	16	16
" " 22	19	18	18	" " 22	23	19	20
" " 23	20	17	19	" " 23	16	16	16
" " 25	13	13	13	" " 24	6	6	6
" " 26	18	16	16	" " 25	13	12	13
" " 27	23	23	23	" " 26	12	12	12
" " 28	17	16	16	" " 27	18	18	18
" " 29	10	7	9	" " 28	18	17	17
" " 30	18	18	18	" " 29	15	14	14
" " 32	20	20	20	" " 30	11	7	11
				" " 33	18	17	17
Boys.....	662	564	609				
				Girls.....	685	642	660
				Boys.....	662	564	609
				Total.....	1347	1206	1269

1874 { Number of Boys and Girls examined.....2,828
" " " passed.....2,444
" " " admitted.....2,614

TABLE

Containing Location, Size of Lot, Size of Building, Ground Rent, Estimated Value, and date of Erection or Purchase.

Grammar Schools.	LOCATION.	Size of Lot.	Size of Building.	Ground Rent.	Estimated Value of Buildings.	Date of Erection.
*	Holliday and Fayette streets	.....	.....	$288	.....	.....
B. C. C.	Howard, opposite Centre street	120 x 200	100 x 162	3,600	$130,000	1875
E. F. H. S.	Aisquith and Mullikin streets	102 x 216	102 x 91	540	97,805	1868
W. F. H. S.	Fayette near Paca street	99 x 148	77 x 132	1,188	60 000	1858
.....	.....	.....	.....	150	9,000	.....
M. G. 1	Fayette and Green streets	58 x 95	50 x 75	204	10,000	1832
"	(Addition to)	.....	.....	720	.....	.....
F. G. 1	Green and Fayette streets	77 x 110	44 x 70	348	12,000	1851
2	Broadway and Bank street	97 x 141	52 x 72	244	10,000	1834
3	Aisquith near Fayette street	74 x 110	45 x 75	109	6,000	1830
4	Sharp near Montgomery street	100 x 156	56 x 85	600	20,000	1869
5	Greenmount Avenue and Eager street	66 x 150	55 x 100	600	17,000	1872
6	Druid Hill Avenue near Biddle street	75 x 100	44 x 100	150	15,000	1841
7	Chesapeake and Hudson streets	80 x 100	32 x 50	In fee.	4,000	1853
8	Fremont near Lombard street	74 x 100	44 x 65	In fee	10,000	1843
9	Courtland near Saratoga street	90 x 90	44 x 90	600	18,350	1868
10	William and Warren streets	70 x 140	44 x 78	175	12,000	1850
11	Bond and Jefferson streets	70 x 104	44 x 63	In fee	10,000	1845
12	Barre near Eutaw street	60 x 112	40 x 80	300	15,000	1854
13	Aisquith near Mullikin street	55 x 180	44 x 100	25	20,000	1870
14	Gough and Stiles streets	50 x 92	44 x 68	250	10,000	1854
15	Republican near Lexington street	88 x 169	48 x 120	400	25,000	1860

17.....	Washington near Fayette street.....	93 x 134	52 x 67	372	17,000	1871
18.....	Mulberry near Fremont street.....	85 x 136	54 x 85	350	20,000	1868
19.....	Park Avenue near Preston street.....	92 x 150	68 x 103	549	32.000	1869
20.....	John and Eden streets.....	104 x 160	51 x 145	480	32,000	1868
21.....	Pennsylvania avenue near Robert street.....	80 x 154	50 x 80	234	18,500	1869
				12,476	$630,655	

* B. C. C.—Baltimore City College.

E. F. H. S.—Eastern Female High School.

W. F. H. S.—Western Female High School.

TABLE

Containing Location, Size of Lot, Size of Building, Ground Rent, Rent, Estimated Value, and date of Erection or Purchase.

PRIMARY SCHOOLS.	LOCATION.	Size of Lot.	Size of Building.	Ground Rent.	Estimated Value of Buildings.	Date of Erection.
No. 2	Stiles near High street	40 x 90	32 x 55	$160	$5 000	1851
3	Wolfe and Gough streets	75 x 95	35 x 50	150	8,000	1852
4	Hanover and Lee streets	76 x 100	52 x 76	210	10,000	1834
5	Bond and Chew streets	80 x 80	34 x 50	130	8,000	1864
6	Ann street near Canton Avenue	45 x 140	33 x 80	90	7,000	1854
7	Mullikin and Aisquith streets	74 x 80	45 x 65	In fee	10,000	1864
8	Caroline near Lombard street	57 x 93	32 x 50	171	5,000	1855
10	Hollins near Schroeder street	60 x 133	32 x 70	200	8,000	1855
11	Schroeder and Pierce streets	60 x 100	34 x 75	180	8,000	1854
12	Barre and Warner streets	65 x 118	47 x 84	268	18,000	1870
13	Jefferson near Caroline street	63 x 94	32 x 94	200	8,000	1855
14	Eutaw near Preston street	45 x 150	33 x 60	200	6,000	1858
15	Republican and Saratoga streets	100 x 150	54 x 72	700	15,000	1872
16	Hillen near High street	58 x 116	34 x 50	175	7,000	1858
17	Light and Poultney streets	63 x 94	54 x 74	217	15,000	1874
18	Walsh near Lanvale street	60 x 140	45 x 50	195	7,000	1858
22	Ramsay and Scott streets	71 x 125	45 x 75	177	8,000	1855
23	Fayette and Front streets	57 x 64	34 x 50	186	8,000	1844
24	Frederick near Lombard street	32 x 87	25 x 45	258	6,000	1858
25	Caroline near Bank street	75 x 91	45 x 65	134	8,000	1867
26	Orleans near Bond street	80 x 75	50 x 65	336	15.000	1874
27	Chester and Fayette streets	92 x 120	48 x 67	275	18,000	1869

28	Battery Avenue and Clement street	76 x 82	43 x 56	270	9,000	1869
29	Hill near Sharp street	48 x 88	34 x 50	192	7,000	1854
30	Hollins near Fulton street	75 x 150	55 x 72	750	15,000	1874
32	Lombard and Green streets	.....	Rented.	400	.....	1851
16	Locust Point	.....	"	150	.....	1852
.	Green and King streets	83 x 83	"	500	.....	1866
				$6,874	$239,000	

COLORED SCHOOLS.

Male and Female No. 1	.....	.....	.....	$9,000	1874
Male and Female No. 2	.....	Gr. Rent.	$25	15,000	1874
Male and Female No. 3	.....	"	120	10,000	1872
Male No. 4	.....	Rented.	120	.....	1868
Female No. 4	.....	"	360	.....	1868
Male No. 5	.....	Gr. Rent.	93	6,000	1868
" 7	.....	"	112	7,000	1869
Grammar No. 1	.....	30 x 180	.....	12,000	1874
Total rents, ground rents and valuation of Colored Schools	.....	.....	$830	$59,000	
" " " Primary Schools	.....	.....	6,874	239,000	
" " " Gr. and High Schools and B.C.C.	.....	.....	12,476	630,665	
			20,180	$928,665	

TABLE

Showing the number of Pupils and Teachers in the Public Schools on the last day of each Fiscal Year, from the Year 1829, *when the first Public School was opened, to the Year* 1874, *inclusive.*

Date.	Teachers.	Pupils.	Date.	Teachers.	Pupils.
1829	3	269	1852	172	9,081
1830	5	402	1853	194	9,447
1831	5	627	1854	209	9,717
1832	5	640	1855	217	10,913
1833	8	544	1856	253	12,946
1834	8	859	1857	246	11,759
1835	8	867	1858	270	12,263
1836	8	814	1859	271	12,419
1837	8	659	1860	302	14,156
1838	8	675	1861	317	13,952
1839	16	1,126	1862	319	14,382
1840	22	1,834	1863	350	15,661
1841	27	2,539	1864	358	16,086
1842	28	2,471	1865	377	16,523
1843	30	2,669	1866	411	17,967
1844	34	3,366	1867	513	18,896
1845	50	4,313	1868	555	20,591
1846	64	5,017	1869	558	23,159
1847	91	6,439	1870	571	24,673
1848	98	6,699	1871	518	25,357
1849	107	6,763	1872	614	26,375
1850	119	7,093	1873	624	28,329
1851	138	8,011	1874	661	29,108

REPORT

OF THE

COMMITTEE ON ACCOUNTS,

TO THE

Board of Commissioners of Public Schools.

The Committee on Accounts herewith presents its annual report of the receipts and disbursements of the several appropriations made by the State and City authorities for the maintainance of Public Schools in the City of Baltimore, for the fiscal year ending October 31st, 1874.

Upon a careful examination of the accounts of the Secretary of the Board, your committee is enabled to report that the said accounts have been accurately stated and are entirely correct.

The Secretary has received from all sources during the fiscal year ending October 31, 1874, the aggregate sum of $39,682.63, which amount has been duly paid over to the City Register who has properly receipted for the same.

Respectfully submitted,

T. J. Magruder, *Chairman*,
Wm. M. Ives,
B. H. Hobbs,
John Johnson,
Jno. L. Lawton,
Committee on Accounts.

TABLE A.

Showing the Total Appropriation by the City Council for Public School purposes for the Fiscal Year ending October 31, 1874.

TOTAL AMOUNT OF APPROPRIATIONS.

For Salaries	$375,000 00	
For Repairs and Cleaning	12,000 00	
For Books and Stationery	32,000 00	
For Rents and Ground Rents	22,000 00	
For Furniture	15,000 00	
For Fuel	13,000 00	
For Incidentals	5,000 00	
For Night Schools	5,000 00	
For Colored Schools	50,000 00	
For Purchase of lot for No. 2 Colored	6,500 00	
For Purchase of No. 61 Saratoga street	2,000 00	
For Extinguishment of the Ground Rent of No. 26,	3,500 00	
		$541 000 00

TO INSPECTOR OF BUILDINGS.

For Repairs	$17,795 20	
For Building No. 30	6,300 00	
For " " 20	7,500 91	
For " " 26	11,500 00	
For " Baltimore City College	75,000 00	
For " Nos. 3 and 23	25,000 00	
For " Female Grammar and Primary No. 1.	15,000 00	
For " Primary No. 17	10,000 00	
For Repairing Primary No. 4	2,000 00	
For Repairing No. 1 Colored	1,000 00	
For Shutters, Grammar No. 17	100 00	
		$171,196 11
		$712,196 11

TABLE B.

Showing the Expenditures for the Fiscal Year ending October 31, 1874.

	White Schools.	Colored Schools.
Paid Salaries	$374,199 25	$31,611 25
Paid Repairs and Cleaning	17,221 17	1,192 48
Paid Rents and Ground Rents	23,504 55	3,150 76
Paid Books and Stationery	38,730 03	1,855 58
Paid Fuel	10,852 10	781 99
Paid Furniture	14,481 66	72 00
Paid Incidentals	7,900 32	446 19
	$486,889 08	$39,110 25
		486,889 08
Paid for Lot, Primary No. 26	3,500 00	
" " No. 2 (colored)	6,500 00	
		10,000 00
		$535,999 33

BY INSPECTOR OF BUILDINGS.

Paid for General Repairs	$13,643 51	
" Building No. 30	5,918 97	
" " Addition, No. 20	7,023 69	
" " No. 26	10,166 49	
" " Baltimore City College	67,475 54	
" " Nos. 3 and 23, Primary and Grammar	450 00	
" " No. 17, Primary.	1,000 00	
" " No. 1	200 00	
" Repairing Primary No. 4.	1,194 50	
" Shutters, No. 17	83 50	
" Building No. 2 (colored)	3,476 00	
		110,632 20
		$646,631 53

TABLE C.

Showing the Amount received from all sources on account of Public Schools for the Year ending October 31, 1874.

From City Collector	$413,142 23
From State on account White Schools	127,879 94
" " Colored Schools	9,414 92
From use of Books, White Schools	38,863 88
" " Colored Schools	818 75
From Legacy (interest on)	62 37
From all other sources	681 00
	$590,863 09

Total amount of Appropriations	$712,196 11
" Expenditures	646,631 53
" Collected	590,863 09

TABLE D.

Receipts from Pupils and Cost of Books and Stationery for twelve months ending October 31, 1874.

SEVERAL GRADES.	Received from Pupils.	Cost of Books and Stationery.
Baltimore City College	$1,117 50	$3,898 20
Eastern Female High School	1,043 00	2,227 37
Western " "	1,372 00	669 09
Male Grammar School	8,154 91	10,313 58
Female " "	9,001 26	7,194 52
Male Primary School	8,812 87	6,248 46
Female " "	9,351 14	6,060 33
Evening Schools (white)	11 00	256 66
" " (colored)	150 50	98 14
Day " "	668 45	1,757 44
General account	.....	1,861 82
	$39,682 63	$40,585 61

Expended on account Evening Schools (White), for twelve months ending October 31, 1874.

Paid Salaries	$5,284 75
Paid all other expenses	583 24
	$5,867 99

TABLE E.

Schools for Colored Children, Cost of Books and Stationery, and Receipts from Pupils for twelve months ending Oct. 31, 1874.

Schools.	Received from Pupils.	Cost of Books and Stationery.	Schools.	Received from Pupils.	Cost of Books and Stationery.
Male No. 1	$50 25	$148 90	Female No 1	$54 00	$51 35
" 2	35 50	149 90	" 2	30 00	214 36
" 3	79 25	196 21	" 3	111 80	163 52
" 4	35 90	86 10	" 4	122 75	137 35
" 5	39 50	78 14			
" 7	5 50	262 14		$318 55	$566 58
Grammar No. 1	104 00	269 47			
			Evening No. 2	$93 00	$40 50
	$349 90	$1,190 86	" 3	33 50	19 20
			" 5	14 50	16 26
			" 7	9 50	22 18
				$150 50	$98 14

Total Expenditures for Colored Schools:

Paid for Salaries	$31,611 25
" Repairs and Cleaning	1,192 48
" Rent and Ground Rents	3,150 76
" Books and Stationery	1,855 58
" Fuel	781 99
" Furniture	72 00
" Incidentals	446 19
	$39,110 25
Paid by Inspector of Buildings	3,476 00
Paid for lot, Male and Female Colored School No. 2	6,500 00
	$49,086 25

TABLE F.

Showing Cost of Books and Stationery for each School, and Receipts from Pupils during twelve months, ending October 31, 1874.

SCHOOLS.	Cost of Books and Stationery	Received from Pupils.	SCHOOLS.	Cost of Books and Stationery	Received from Pupils.
Baltimore City College....	$3,898 20	$1,117 50	Female Grammar No. 1..	$691 93	$1,298 50
East. Female High School.	2,227 37	1,043 00	" " 2..	917 46	631 00
West. Female High School.	669 09	1,372 00	" " 3..	229 66	331 00
Male Grammar No. 1.....	706 40	845 00	" " 4..	167 84	440 01
" " 2.....	1,318 19	753 00	" " 5..	385 33	217 00
" " 4.....	289 33	381 00	" " 6..	309 19	731 75
" " 5.....	256 48	197 15	" " 8..	645 82	633 75
" " 6.....	350 79	999 69	" " 9..	263 47	207 00
" " 7.....	326 30	109 00	" " 10..	344 93	355 25
" " 8.....	444 56	401 75	" " 11..	356 45	287 75
" " 9.....	426 39	481 00	" " 12..	137 55	253 00
" " 10.....	449 24	364 50	" " 13..	392 99	771 75
" " 11.....	858 27	291 00	" " 14..	415 74	387 00
" " 12.....	282 87	187 30	" " 15..	415 78	825 00
" " 13.....	377 10	563 45	" " 16..	88 96	30 00
" " 14.....	414 76	418 50	" " 17..	417 84	488 00
" " 15.....	1,491 94	654 00	" " 18..	253 44	463 50
" " 17.....	615 16	427 91	" " 19..	172 79	427 25
" " 18.....	231 24	423 00	" " 20..	592 35	203 75
" " 19.....	568 56	421 66	Female Unclass'd No. 21..	430 47	719 00
" " 20.....	911 05	236 00	Female Primary No. 1..	278 17	884 67
Male Unclass'd No. 21.....	504 17	768 60	" " 2..	240 10	171 00
Male Primary No. 1.....	324 37	1,119 75	" " 3..	242 10	389 63
" " 2.....	204 96	128 50	" " 4..	182 07	388 75
" " 3.....	249 42	335 55	" " 5..	180 19	153 25
" " 4.....	182 02	348 75	" " 6..	223 88	316 14
" " 5.....	237 30	74 75	" " 7..	141,93	347 55
" " 6.....	252 09	392 70	" " 8..	160 64	284 00
" " 7.....	164 68	340 25	" " 9..	246 73	286 25
" " 8.....	249 30	288 50	" " 10..	177 35	274 66
" " 9.....	103 33	114 50	" " 11..	210 10	173 75
" " 10.....	186 70	203 00	" " 12..	361 87	298 25
" " 11.....	181 96	175 20	" " 13..	146 80	260 25
" " 12.....	298 25	377 83	" " 14..	73 59	242 75
" " 13.....	192 10	186 00	" " 15..	257 47	693 95
" " 14.....	305 29	585 50	" " 16..	181 55	73 50
" " 15.....	173 39	654 75	" " 17..	198 01	320 35
" " 16.....	160 56	79 50	" " 18..	146 85	385 60
" " 17.....	175 03	275 25	" " 19..	119 00	210 25
" " 18.....	189 58	451 35	" " 20..	182 12	427 25
" " 19.....	151 37	211 12	" " 22..	294 37	99 50
" " 20.....	344 64	332 00	" " 23..	124 79	286 55
" " 22.....	167 14	197 45	" " 24..	24 40	4 00
" " 23.....	211 48	219 50	" " 25..	124 39	112 73
" " 24.....	19 90	13 75	" " 26..	136 60	156 50
" " 25.....	178 43	138 31	" " 27..	130 98	344 26
" " 26.....	217 84	147 99	" " 28..	189 25	123 25
" " 27.....	142 10	302 52	" " 29..	123 70	137 50
" " 28.....	167 80	136 00	" " 30..	229 80	258 50
" " 29.....	97 62	124 00	" " 32..	181 07	191 75
" " 30.....	316 27	265 00	" " 33..	119 99	355 00
Evening Schools.....	256 66	11 00			
General Account.....	1,861 82				
	$25,475 18	$20,511 28		$13,254 85	$18,352 60

The Committee on Accounts, after a careful examination of the expenditures for the past year and the requirements for the current year commencing November 1, 1874, submit the following estimates for the year 1875:

For Salaries	$390,000 00
For Repairs and Cleaning	17,000 00
For Books and Stationery	40,000 00
For Rents and Ground Rents	24,000 00
For Furniture	25,000 00
For Fuel	13,000 00
For Incidentals	12,000 00
For Night Schools	5,000 00
For Colored Schools	60,000 00
	$586,000 00

THIRTY-SIXTH ANNUAL REPORT

OF

BALTIMORE CITY COLLEGE,

WITH

ACCOMPANYING PAPERS,

FOR

A. D. MDCCCLXXIV.

Committee on Baltimore City College.

JOHN F. HANCOCK,
Corner Baltimore and Caroline Streets.

THOMAS KELLY, M. D.,
Corner Exeter and Fawn Streets.

G. S. GRIFFITH, JR.,
244 West Lombard Street.

ROBERT H. SINCLAIR,
295 Aisquith Street.

JOHN T. MORRIS, *ex officio*,
43 North Charles Street.

FACULTY OF BALTIMORE CITY COLLEGE.

WILLIAM ELLIOTT, JR., A. M., PRINCIPAL,
Professor of Higher Mathematics.

J. ASBURY MORGAN, A. M., VICE-PRINCIPAL,
Professor of Ancient Languages and Mental and Moral Philosophy.

JAMES McINTIRE, M. D.,
Professor of Astronomy.

JAMES R. WEBSTER,
Professor of Writing and Book-keeping.

HENRY E. SHEPHERD,
Professor of History and English Literature.

ANDREW S. KERR,
Professor of Mathematics.

A. L. MILLES,
Professor of the French Language.

CHARLES F. RADDATZ,
Professor of the German Language.

CHAPMAN MAUPIN, M. A.,
Professor of the Latin Language.

POWHATAN CLARKE, M. D.,
Professor of Natural Science.

ALEXANDER HAMILTON,
Tutor.

Alumni of Baltimore City College.

Abbreviations.—B. L., Bachelor of Arts; D. D. S., Doctor of Dental Surgery; Eng., Engineer; Esq., Attorney at Law; † Deceased.

GRADUATES.

1851.

Rev. H. H. Bruning, Edward C. Cockey, †Robert H. Cushing, Jacob L. Husband, Stephen Allen Lawson, Joseph W. Oliver, †Thos. N. Sanderson, William Sollers, Joseph Thompson, Joseph Vansant.

1852.

Rev. John J. Cooke, Joseph M. Cook, Charles Francis, Henry Clay Griffin, Robert B. Griffin, Charles Miles, Rev. Ludowick Morgan, William Schoolfield, William Sloan, Wm. T. Smith, Eng. U. S. N., John M. Stewart.

1853.

Edwin Burke, Robert Curtain, John B. Ely, David Frazer, Robert Hooper, Samuel Hooper, William Kirk, Jerome Miller, John M. Miller, James Morrison, Eng. U.S.N., Samuel Shaw, John Tilyard, George Toner, John Ward, Louis Webb, Matthew H. Wright.

1854.

†Th. H. Bordley, Eng. U. S. N., Rev. William H. Cooke, John Franklin, James Alexander Hanna, Lawrence B. Hoffman, M. D., Francis J. Hollingshead, Samuel J. Hughes, J. Merryman Littig, James T. Mitchell, Alvin Robertson, John T. B. Slater, Benjamin T. Welch, William L. Wilcox.

1855.

†Daniel W. Brawner, Rev. Henry C. Cook, Charles W. Crumbacker, William T. Divier, Robert G. Emick, Egbert R. Freeland, Cyrus Gault, Jr., Eugene Higgins, William H. Hollingshead, †Henry C. Holtzman, William J. McClure, Wm. J. McKinley, William D. McMillan, Charles L. Macneal, George W. Marden, Edward O. Sloan, Thomas S. Stine.

1856.

Rev. Robert N. Baer, †Charles Henry Cathcart, †Francis Eldridge Chance, †Cornelius Magers Cole, Jr., †William Eagin Hanna, †Rev. Rezin Clark Haslup, Charles William Hatter, Prof. Andrew Scott Kerr, Frederick Achilles Lucchesi, Arthur Rutland Maclellan, Samuel Jarrett Maccubin, Richard Antonio Remare, Thomas Stanford Ridgaway, Geo. Washington Robinson, James William Sanders, John Henry Schroeder, Nicholas Maccubin Smith, Walter George Smith, John McCurdy Stockton, Wm. Frederick Wardenburg.

1857.

John F. Arthur, Wm. George Atkinson, John E. Bishop, Marion Andrews Brian, James F. Cooper, Richard L. Corkran, William H. H. Dashiell, Lewis C. Dietsch, Alexander Y. Dolfield, John W. Hooper, Gustavus W. Knowles, M. D., Jacob E. Krebs, Charles E. Lambdin, William L. Rennolds, Frederick F. Stine, Charles H. Stromenger.

1858.

Thomas Sargent Baer, Esq., †Robert Guiscard Brawner, Robert Cathcart, Jr., †Robert Emory Cathcart, George Washington Cooper, Thomas Davenport, †John Everett Dell, †John Campbell Dorry, Lewis Ogden Fuller, Theodore William Glocker, M. D., Thomas Whitridge Hooper, Robert Hughes, John Herman Lange, †John Wesley McElroy, James Benoni McNeal, Jos. Purnell Merryman, Esq., Henry Clay Miller, James Clayland Mullikin, John George Nagle, John C. Russell, Jeremiah Smith Weatherby, †William Rufus Woodworth, †Paul Ferdinand Weber.

1859.

Adelbert Theodore Bell, Bernard Blimline, George Roberts Burgess, George Washington Evans, †Leander Duncan Fort, Thomas Christopher Grim, James Peter Hepburn, Thomas Holmes, William Jones, Thomas Kelly, M. D., James Henry Le Compte, Hugh McNelly, James Richardson Milburn, †William Nagle, Esq., Andrew Monkur Ogier, Thos. George Peirson, Warren Grafton Purdy, Rev. Chas. Herbert Richardson, †David Stirrat, Rev. John Bunyan Van Meter, Henry Wagner, Robert Emory Watkins, Henry Robert Watts, Rev. Jos. John Gurney Webster.

1860.

†James Lewis Barr, William F. Chilton, †Henry Clay Christopher, Eng. U.S.N., Asbury Jones Clarke, Esq., George Washington Clotworthy, Wm. Wright Louis Cook, Esq., William S. Dalrymple, Robert McI. Gorsuch, James T. Graham, Howard Edgar Johnson, Esq., Henry Knoebel, Edward W. Koehl, Jacob G. Davies Law, Alexander F. Lusby, James Middledith, Philip Prior, Oliver P. Robinson, John A. Schwartz, C. A. E. Spamer, Esq., John G. Suman, †Joseph B. Tarr, Carlton A. Uber, James E. Watson, Francis Eugene S. Wolfe.

1861.

George F. Appleby, Esq., Thomas Sewell Ball, Henry Beadenkopf, John C. Clark, George Coburn, Esq., Gilbert C. Cook, Esq., John T. McGlone, Esq., Henry C. McKee, William McMaines, Charles R. McNeal, Charles H. Reeves, Andrew Jackson Sollers, Rev. William E. Starr, Robert Stewart, Charles H. Torsch, John Ward Wilson.

1862.

John F. Appell, Henry Clay Butler, William M. Caldwell, Ferdinand Frederick Dietsch, George E. Dowell, Samuel Dutton Helfrich, Wm. H. Hinks, Esq., B. L., William Lansfield Keller, Albert T. King, Benjamin Franklin Leitch, Charles W. Milburn, Summerfield Pearson, George A. Rich, William C. Rogers, †John Augustus Shutze, John W. Sills, Alexander Lamb Storke, Hugh T. Taggart, Henry Clay Towson, Esq., Robert V. Wallis, †Sam'l Eggleston Westerman, James D. Whittington.

1863.

Thomas M. Applegarth, †John George Becker, Hugh A. Brady, John Ross Diggs, Thomas S. Greenfield, †William H. Gruber, John M. Holland, Esq., B. L., William Beall Hunt, John Theodore King, Alexander M. Lambdin, William A. Leitch, Theodore Klein Miller, †Victor Holmes Nelson, †George H. Rutter, Rev. Geo. Frederick Spieker, †James K. P. Sweeting, M. D., David L. Tennant, †Zachary Taylor Toner, Thomas W. Webster, Mayer Star Weil, John A. Westbrook, Rev. Jas. Patterson Wilson.

1864.

Rev. Charles Oscar Cook, Alexander C. Harrison, John McCarthy, John McFarland, Oliver S. Orrick, †John P. A. Pentland, †Standish Barry Richardson, John Shannon, John Wesley Simpson, Esq., Gustavus Louis Stehl, William Cooper Stewart, Zachary Taylor Westenberger, †Charles Young.

1865.

Edward Bayley Bates, Esq., Lamartine Bishop, Rev. John T. Beckley, A. M., James Frame, Esq., Rev. John S. M. Haslup, Charles August Hoffman, Edward L. Hooper, Rev. Amos Wms. Patten, A. M., William B. Saumenig, William Thomas Smith, Septimus P. Tustin, William A. White, Alexander Martin Wilcox, Rev. Geo. Conrad Yeisley, A. B.

1866.

Emmet Brown, Daniel Greenbaum, Esq., B. L., William Thomas Harvey, Derrick Keyser Houck, George Lawrence Irvin, John Edwin Jones, Alvin Parker Kennedy, Solomon Lauer, John Henry Miller, John Donovan Richardson, Andrew Troeger.

1867.

John Henry Appell, †David Emory Ball, Rev. William John Chichester, Thomas Walter Crook, †Henry Dunlap, Geo. Washington Gillaspey, Edward Driver Halbert, Robert Rose Leitch, Rev. Geo. Edwin Maydwell, Daniel Schaffer Miller, Elmer Slack Miller, William Reynolds Miller, Charles Egerton Reid, Jno. W. Richardson Sumwalt, James Franklin Supplee, Herman Washington Thomiz.

1868.

John Samuel Campbell, John George Chapman, James Darrington, Jno. Jenkins Dobler, Esq., B.L., Charles Henry Farringer, John Jacob Faupel, Harry Jones Ford, Marcus Aaron Frank, Benjamin Franklin Grove, George Musgrave Harkness, Geo. Andrew Hartman, M. D., William Davis Jameson, Wm. Fred'k A. Kemp, M. D., Geo. Washington Kirwin, Robert Musgrave Neilson, William Henry Sroud, Seymour Bernard Storke, Edward Louis Torsch, Charles Jefferson Wiener, Esq., James Jacob Zimmerman.

1869.

Simon Alexander, Charles Carroll Andrews, Albert Dickson Clark, Wm. Elliott Clayton, Louis Sebastian Clunet, Jabez Dew, Henry Webster Evans, Jno. Joseph M. Gallagher, Richard Armstrong Harris, Franklin Jacob Hoffman, Cadet Eng. U. S. N., Harry Storm Keller, George Washington Moore, Edward Pontany Phelps, Edward Schubert, Philip Edwin Shock, Wilton Snowden, Benjamin Franklin Swain, John William Turnbull, Joseph Gist Wells, George Washington Wiener, Chas. Edward Milton Young.

1870.

Wm. Lauderbaugh Armiger, Caleb Edwin Bartgis, William Chester Cole, Emanuel Eilau, Rev. Henry Strickler France, Walter Jones, †Samuel David Kirwan, Harry Isaac Lobe, James Howard Millar, Theodore Nagle, William Albert Nichols, John Parker, William Partlow Thompson, David Hiram Warfield, George Young.

1871.

Thomas Milton Beadenkopf, William Benson, D.D.S., Vernon Hall, Frederick Allen Hanzsche, Edward Joseph Healy, Edwin Hebden, Chas. Christopher Henschen, Thomas Hughes, Esq., B. L., Charles Hunt, Charles Franklin Meyers, Charles Wesley Nash, Samuel Pattison, William Hamilton Pentz, Basil Sollers, Joshua Douglas Taylor, William Wallace Tumbleson, William Oswald Weyfforth, Theodore Fillmore Wilcox, Lewis Webb Wilhelm.

1872.

George Frank Baily, John Hewlett Blacklock, William Hall Cooper, William George Davis, John Summerfield Deale, Daniel Henry Doyle, Edward Samuel Farrow, Cadet, U. S. M. A., Charles August Fisher, Philip Henry Friese, Jno. Wm. Herman Geiger, Jacob Goodman, George Hollander, Decimus Junius Juvenal, John McElmoyle, Stephen Foxwell Norris, Henry Clay Sultzer.

1873.

William Bergner, Simon Bernei, Alexander Bond, Francis Arago Buschman, Edward De Lacour, Samuel Homer Dosh, William Early, Thomas Ireland Elliott, Henry Bash Gwynn, Benj. Hartman Lambright, David Laughlin, Theodore Wm. Marshall, Gerard Emory Morgan, Yelverton Peyton Morgan, Thomas Robert Morse, Arthur Daniel Murray, Stockton Reese Murray, Henry Shirk, Richard Henry Smith, William Thomas Smyth, Lewis Cass Toner, Harry Milton Wagner, Charles Robert Watson, John Alexander White, Charles Light Wilson.

1874.

Frank Selby Chapman, Samuel Spencer Cole, Thomas Hargest Disney, Robert Wright Forsyth, Simon Grauer, William Medill Hackett, Edward Richardson Hatch, Lewis John Lederer, Geo. Washington McCreary, Geo. Frederick Nicolassen, Robert Semple Rowe, William Henry Schaefer, James Willis Schwartze, Frederick Adolphus Torsch, Joseph Marion Watkins, Bernard Wiesenfeld, Wm. James Young.

COMMENCEMENT.

The Exercises of the Twenty-fourth Commencement were held in Ford's Grand Opera House, on Tuesday, July 2, 1874.

I. Certificates were given to the following named young men, in testimony of their having completed satisfactorily the course of study of four years:

FRANK SELBY CHAPMAN,
SAMUEL SPENCER COLE,
THOMAS HARGEST DISNEY,
ROBERT WRIGHT FORSYTH,
SIMON GRAUER,
WILLIAM MEDILL HACKETT,
EDWARD RICHARDSON HATCH,
LEWIS JOHN LEDERER,
GEO. WASHINGTON McCREARY,
GEO. FREDERICK NICOLASSEN,
ROBERT SEMPLE ROWE,
WILLIAM HENRY SCHAEFER,
JAMES WILLIS SCHWARTZE,
FREDERICK ADOLPHUS TORSCH,
JOSEPH MARION WATKINS,
BERNARD WIESENFELD,
WILLIAM JAMES YOUNG.

II. The following honorary appointments were made by the Faculty:

WILLIAM J. YOUNG.....The Honorary Oration.
WILLIAM M. HACKETT.....The Valedictory Oration.
LEWIS J. LEDERER.....The Salutatory Address.

III. The Peabody Prizes (in all $500) were awarded by the Faculty and distributed by Philip R. Uhler, Esq., Librarian of the Peabody Institute, as follows:

Of the First Grade, $100 *each,*

WILLIAM J. YOUNG, LEWIS J. LEDERER, GEORGE W. McCREARY.

Of the Second Grade, $50 *each.*

EDWARD R. HATCH,
SAMUEL S. COLE,
WILLIAM H. SCHAEFER,
GEORGE F. NICOLASSEN.

REPORT

OF THE

PRINCIPAL OF BALTIMORE CITY COLLEGE.

BALTIMORE, October 31, 1874.

To the Commissioners of Public Schools:

GENTLEMEN:

I herewith submit the Thirty-sixth Annual Report of the Baltimore City College.

The exercises of the Twenty-fourth Commencement were held in Ford's Grand Opera House, on the evening of July 2, at which time the certificates authorized by the Mayor and City Council were awarded to the young men whose names appear on the preceding page, in testimony that they had satisfactorily completed the prescribed four years' course of study. The occasion was one of more than ordinary interest; rendered so by reason of the unusually creditable manner in which the young men representing the class acquitted themselves, and also because of the very large number of prominent gentlemen present to witness the performances of the evening. After the presentation of the certificates by the Hon. Joshua Vansant, Mayor, and of the Peabody prizes by Philip R. Uhler, Esq., of the Peabody Institute, H. Clay Dallam, Esq., was introduced, and, on behalf of the "Early English Text Society of England," presented to Mr. Wm. M. Hacket, of the graduating class, eight volumes of the publications of said society.

These publications are gratuitously furnished to different colleges, to encourage the study of early English, and were awarded to the recipient for his proficiency in that study, after a rigid competitive examination. The remarks of Mr. Dallam, in connection with the presentation, were highly appreciated by the audience.

On the sixth and seventh days of July the usual examination for admission into the College was held at the Eastern and Western Female High School buildings, at which time two hundred and fifty-three applicants from the several Grammar Schools presented themselves. Of this number, two hundred and thirty were recommended for admission.

At the opening in September, examinations of applicants, other than pupils from the Grammar Schools, were held. Twenty-one young men were in attendance upon these occasions, of whom eight were adjudged to be competent to enter, and they were accordingly enrolled as students of the College.

The roll, as made up in September, is as follows:

Returned after the Summer vacation	193
Entered from Grammar Schools	199
" Private Schools	8
Total number	400

The comparison of this summary with that of any previous year will reveal two or three facts worthy of special notice.

First, that a larger per cent. of the pupils of the preceding year returned than has been the case for a number of years. Secondly, that a much larger number than ever before entered from the Grammar Schools; and finally, that the number of students now in the school is largely in excess of that of any year since its organization. These facts are gratifying, since they unquestionably indicate the growing popularity of the College, while at the same time they furnish conclusive proof of the wisdom of our City Authorities in providing for its

accommodation the elegant and capacious structure now in process of erection.

As another fact indicative of the growing appreciation of the school, I may here state that during the vacation and since the commencement of our exercises, I have been waited upon by a number of persons desirous of ascertaining the conditions upon which their sons could enter the College.

These persons have not heretofore been patrons of the Public Schools, but expressed their desire to have their sons enjoy the advantages of the College, and they are *now* using the Grammar Schools as preparatory to the same.

Several members of the class that graduated in July having expressed, in a communication to the Board, their wish to enjoy an additional year's instruction in the College, the Board generously granted the desired permission; and accordingly, a fifth-year class was organized at the beginning of the session in September.

The formation of this class, and the large accession from Grammar and Private schools, made an increase of our corps of instructors necessary. This need of the school was met by the Board by the appointment of Mr. Alexander Hamilton as tutor. Mr. Hamilton, previously to his election to the place he now fills, was for eleven years an efficient Principal of a Grammar School; is well acquainted with our system, and will, doubtless, prove himself fully equal to the requirements of his new position.

The crowded condition of the College, the incapacity of our class-rooms to accommodate our large classes, the narrowness of the stairways, up and down which nearly four hundred boys are compelled to pass five times a day, are facts that do not tend to make the administration of the general discipline of the College so easy as might be desired.

Notwithstanding these drawbacks, however, I venture the assertion that the School was never in a better condition than

at present, and that our young men, with but few exceptions, will, in gentlemanly deportment and ready compliance with our rules and regulations, compare favorably with the students of any similar institution, no matter where located. Because of the inconveniences of our present situation, it is but reasonable to suppose that we are looking forward to the completion of our new building with pleasant anticipations. This event, so long the object of our hopes, will indeed be a memorable one in the history of the school. For the first time, after a long series of years, permanently established in a building specially erected for its accommodation; supplied with all the educational appliances of modern times, we may reasonably predict for the Institution a career of great prosperity. In this connection, and as contributing to this result, I wish to call the attention of the Board to the library belonging to the College.

Several years ago a special appropriation was made by the Mayor and City Council, with which to procure a number of books, which were intended to be the nucleus of a school library. This money was judiciously expended in the purchase of five or six hundred volumes of standard works, which have been in constant use ever since.

Because of the necessary wear and tear, some of these books are nearly worn out, while others were destroyed by fire at the time of the burning of our old building, so that of the original number comparatively few remain. Many of our students, in the use of these books, enjoy their only means of access to works on general literature, &c. In their behalf, therefore, I earnestly suggest that the Board take such action as will result in securing for our young men the privileges of a well-selected library, governed by such rules as may best conduce to the interests of the College.

I again call attention to the subject of Drawing. The importance of this branch of education is so obvious, that it is only necessary here to remind the Board, that the accommoda-

tions of our new building will justify such action in this matter as will result in restoring this study to the place it formerly occupied in our curriculum.

And now, having discharged the duty imposed upon me by the rules of the Board, I wish, in conclusion, to record my testimony to the ability and faithfulness of my professional colleagues, in the discharge of their respective duties.

The services of such instructors, with the continued co-operation of the Committee on the College and of the Board, cannot fail to elevate still higher an Institution that, even now, is undoubtedly second to none in the State.

Very respectfully,

WILLIAM ELLIOTT, Jr.

CURRICULUM.

FIRST YEAR.

English Grammar and Analysis,
Elocution,
History of England,
Writing,
Physiology,
Latin, commenced,
Book-Keeping, commenced,
Algebra, completed,
Geometry, III Books.

SECOND YEAR.

Rhetoric, Composition and Elocution,
English Grammar and Analysis,
History of Rome,
Book-Keeping, continued,
Physical Geography,
Natural Philosophy,
Latin, continued,
German, commenced,
Geometry, completed,
Plane Trigonometry,
Mensuration.

THIRD YEAR.

Rhetoric, Composition and Elocution,
History of English Literature,
History of Greece,
Natural Philosophy (full course),
Astronomy, commenced,
Latin, continued,
German, continued,
Greek, commenced (optional),
French, commenced,
Surveying, Leveling and Navigation,
Spherical Trigonometry.

FOURTH YEAR.

Original Speeches and Elocution,
English Literature,
History of the Ancient Empires,
Mental Philosophy,
Moral Philosophy,
Constitution of the United States,
Chemistry,
Latin, continued,
Greek, "
French, "
German, "
Analytical Geometry,
Astronomy, completed,
Review of Mathematics.

FIFTH YEAR.

Geology and Mineralogy,
English Literature,
Logic,
Political Economy,
Calculus,
Book-Keeping,
Latin, continued,
Greek, "
French, "
German, "
Chemistry, "
Review of Mathematics.

QUESTIONS

FOR THE

EXAMINATION OF THE GRADUATING CLASS

OF

Baltimore City College,

JUNE, 1874.

ENGLISH LITERATURE.

1. Give a list, as nearly as possible in chronological order, of the principal poets from Spenser to Tennyson, and his contemporaries.

2. Name the principal works of Edmund Spenser; explain the allegorical significance of the Fairy Queen, and write a dissertation upon his genius.

3. Explain the Baconian Philosophy.

4. Name the principal schools of poetry from 1625 to 1660, and state the characteristics of each.

5. Give a description of Milton's Lycidas, L'Allegro, and Il Penseroso.

6. Describe the critical or reflective era of English literature, and name the political and moral influences which developed it.

7. Give an account of Alfred Tennyson's poetical career.

UNITED STATES CONSTITUTION.

1. State the three forms of governments which existed among the thirteen original colonies; define each, and give an example of each.

2. Give the three forms of government which have existed in the United States, the time of the adoption of each, and the time at which each ended.

3. What is a Constitution?

4. Give the Preamble of the Constitution of the United States without omission.

5. State the three divisions of the Government, and why they are separated.

6. State the qualifications for President, and how he is elected.

7. State the qualifications of Senators and Representatives.

8. How are they elected, and how long do they hold their office?

9. Give the powers of Congress.

10. State the manner in which the Constitution can be amended.

MENTAL AND MORAL PHILOSOPHY.

1. Of what does Intellectual Philosophy treat?

2. Name and define the three leading divisions in which the mind presents itself to our notice.

3. Name and define the two points of view under which the intellectual part of man may be considered.

4. Name in logical order the faculties which belong more exclusively to the Intellect.

5. Give a brief definition of Perception, Original Suggestion, Abstraction and Memory.

6. Name the particular senses with which we are endowed, and explain briefly the use of each one.

7. Discuss at length the subject of Consciousness.

8. Of what does Moral Philosophy treat?

9. Define Conscience, and prove its originality and universality.

10. State the grounds of Moral Obligation.

FRENCH.

I. Translate into English—

UN VILLAGE MORAVE.

J'ai été, il y a quelque temps, à Dintendorf, petit village près d'Erfurth, où une communauté de Moraves s'est établie. Ce village est à trois lieues de toute grande route ; il est placé entre deux montagnes, sur le bord d'un ruisseau ; des saules et des peupliers élevés l'entourent ; il y a, dans l'aspect de la contrée, quelque chose de calme et de doux, qui prépare l'âme à sortir des agitations de la vie. Les maisons et les rues sont d'une propreté parfaite ; les femmes, toutes habillées de même, cachent leurs cheveux, et ceignent leur tête avec un ruban dont les couleurs indiquent si elles sont mariées, filles ou veuves ; les hommes sont vétus de brun, à peu près comme les Quakers. Une industrie mercantile les occupe presque tous ; mais on n'entend pas le moindre bruit dans le village. Chacun travaille avec régularité et tranquillité ; et l'action intérieure des sentiments religieux apaise tout autre mouvement.—*Mme. de Stael.*

II. Translate into French—

1. Have you a mind to write, translate, or study an exercise? I have a mind to translate and write one.

2. Has your neighbor been at the theatre as often as we? He has been there oftener.

3. Which books has the clerk taken? He has taken the one which you do not read, and those which you have read.

4. Have the English as much sugar as tea? They have less of the one than of the other.

5. Have you spoken to my father? I have. When did you? I spoke to him the day before yesterday.

6. Have you had your office swept? I have not had it swept yet, but I intend to have it swept to-day.

7. How old is your brother? He is twenty-one. As you are much taller than he, I thought you were older.

8. What do you want? I want money and clothes.

9. At whose house do you dine to-day? My cousin and I dine at the house of a friend of mine.

10. What sort of weather is it? It is fine weather now, but it was very windy this morning.

III. Give the principal tenses of—

a. Naitre, vivre, mourir. (Inf., pres. part., past part., ind. pres., preter.)

b. Inflect the Present and the Future of the Indicative of these.

c. Give the list of Objective Pronouns (personal), direct and indirect, which precede and follow the verb.

d. State the Double Objective Pronouns in their various forms.

GERMAN.

1. Translate:

Mit königlichen Gütern ſegne dich
Die Göttin! Sie gewähre Sieg und Ruhm
Und Reichthum und das Wohl der Deinigen,
Und jedes frommen Wunſches fülle dir,
Daß, der du über Viele ſorgend herrſcheſt,
Du auch vor Vielen ſelt'nes Glück genießeſt.

Göthe, Iphigenie auf Tauris.
1*st Act*, 3*d Scene*.

2. Parse the sentence in italics in first question, giving synopsis of each word.

3. Name the dissonant verbs in first question, in present, imperfect and perfect participle.

4. Translate:

Some courtiers reproached the Emperor Sigismund because, instead of having his vanquished enemies put to death, he loaded them with favors, and put them in a situation to hurt him. "Do I not destroy my enemies," said he, "by making them my friends?"

LATIN.

Inveni, germana, viam (gratare sorori),
Quæ mihi reddat eum, vel eo me solvat amantem.
Oceani finem juxta solemque cadentem,
Ultimus Æthiopum locus est, ubi maximus Atlas
Axem humero torquet stellis ardentibus aptum:
Hinc mihi Massylæ gentis monstrata sacerdos,
Hesperidum templi custos, epulasque draconi
Quæ dabat et sacros servabat in arbore ramos,
Spargens humida mella soporiferumque papaver.
Hæc se carminibus promittit solvere mentes,
Quas velit, ast aliis duras immittere curas;
Sistere aquam fluviis et vertere sidera retro;
Nocturnosque ciet Manes; mugire videbis
Sub pedibus terram et descendere montibus ornos.
Testor, cara, deos et te, germana, tuumque
Dulce caput, magicas invitam accingier artes.
Tu secreta pyram tecto interiore sub auras
Erige et arma viri, thalamo quæ fixa reliquit
Impius, exuviasque omnes lectumque jugalem,
Quo perii, superimponas: abolere nefandi
Cuncta viri monumenta jubet monstratque sacerdos.

Verg. Æn., IV., 478—498.

Potest enim hoc dici: belli genus esse ita necessarium, ut sit gerendum, non esse ita magnum, ut sit pertimescendum. In quo maxime laborandum est, ne forte a vobis, quæ diligentissime providenda sunt, contemnenda esse videantur. Atque,

ut omnes intelligant, me L. Lucullo tantum impertire laudis, quantum forti viro et sapientissimo homini et magno imperatori debeatur: dico ejus adventu maximas Mithridati, copias omnibus rebus ornatas atque instructas, fuisse; urbemque Asiae clarissimam, nobisque amicissimam, Cyzicenorum, obsessam esse ab ipso rege maxima multitudine, et oppugnatam vehementissime, quam L. Lucullus virtute, assiduitate, consilio summis obsidionis periculis liberavit: ab eodem imperatore classem magnam et ornatam, quæ ducibus Sertorianis ad Italiam studio inflammata raperetur, superatam esse atque depressam: magnas hostium præterea copias multis prœliis esse deletas: patefactumque nostris legionibus esse Pontum, qui ante populo Romano ex omni aditu clausus esset.—*Cic. pro. Leg. Man.* §8.

Syntax.—A vobis contemnenda. Laudis. Adventu. Multitudine. Consilio. Periculis. Ducibus Sertorianis. Praeliis. Ne videantur. Debeatur. Raperetur. Ante.

Satis opinor hoc esse laudis; atque ita, Quirites, ut hoc vos intelligatis a nullo istorum, qui huic obtrectant legi atque causae, L. Lucullum similiter ex hoc loco esse laudatum. Requiretur fortasse nunc quemadmodum, cum haec ita sint, reliquum possit esse magnum bellum. Cognoscite, Quirites; non enim hoc sine causa quaeri videtur. Primum ex suo regno sic Mithridates profugit, ut ex eodem Ponto Medea illa quondam profugisse dicitur: quam praedicant in fuga fratris sui membra in iis locis, qua se parens persequeretur, dissipavisse, ut eorum collectio dispersa moerorque patrius celeritatem persequendi retardaret. Sic Mithridates fugiens maximam vim auri atque argenti, pulcherrimarumque rerum omnium, quas et a majoribus acceperat, et ipse bello superiore ex Asia direptas in suum regnum congesserat, in Ponto omnem reliquit.—*Cic. pro. Leg. Man.*, §§8, 9.

Syntax.—Laudis. Bello superiore. Nullo. Qua. Intelligatis. Sint. Possit. Persequeretur. Direptas congesserat.

GREEK.

Translate:

Ἐντεῦθεν δή, ἐπεὶ σκότος ἐγένετο, Μιλτοκύθης μὲν ὁ Θρᾷξ, ἔχων τούς τε ἱππέας τοὺς μεθ' ἑαυτοῦ εἰς τετταράκοντα καὶ τῶν πεζῶν Θρᾳκῶν ὡς τριακοσίους, ἠὐτομόλησε πρὸς βασιλέα. Κλέαρχος δὲ τοῖς ἄλλοις ἡγεῖτο κατὰ τὰ παρηγγελμένα οἱ δ' εἵποντο· καὶ ἀφικνοῦνται εἰς τὸν πρῶτον σταθμὸν παρὰ Ἀριαῖον καὶ τὴν ἐκείνου στρατιὰν ἀμφὶ μέσας νύκτας· καὶ ἐν τάξει θέμενοι τὰ ὅπλα ξυνῆλθον οἱ στρατηγοὶ καὶ λοχαγοὶ τῶν Ἑλλήνων παρὰ Ἀριαῖον· καὶ ὦμοσαν οἵ τε Ἕλληνες καὶ Ἀριαῖος καὶ τῶν σὺν αὐτῷ οἱ κράτιστοι μήτε προδώσειν ἀλλήλους σύμμαχοί τε ἔσεσθαι· οἱ δὲ βάρβαροι προσώμοσαν καὶ ἡγήσεσθαι ἀδόλως. Ταῦτα δ' ὤμοσαν, σφάξαντες ταῦρον καὶ λύκον καὶ κάπρον καὶ κριὸν εἰς ἀσπίδα, οἱ μὲν Ἕλληνες βάπτοντες ξίφος, οἱ δὲ βάρβαροι λόγχην. Ἐπεὶ δὲ τὰ πιστὰ ἐγένετο, εἶπεν ὁ Κλέαρχος· Ἄγε δή, ὦ Ἀριαῖε, ἐπείπερ ὁ αὐτὸς ὑμῖν στόλος ἐστὶ καὶ ἡμῖν, εἰπὲ τίνα γνώμην ἔχεις περὶ τῆς πορείας· πότερον ἄπιμεν ἧπερ ἤλθομεν ἢ ἄλλην τινὰ ἐννενοηκέναι δοκεῖς ὁδὸν κρείττω; Ὁ δ' εἶπεν· Ἦν μὲν ἤλθομεν ἀπιόντες, πάντος ἂν ὑπὸ λιμοῦ ἀπολοίμεθα· ὑπάρχει γάρ νῦν ἡμῖν οὐδὲν τῶν ἐπιτηδείων.

Parse the following words:

ἐγένετο: βασιλέα: ἄλλοις: Ταῦτα: σφάξαντες.

CHEMISTRY.

1. Give formula of potassic nitrate. Occurrence? Artificial preparation? Uses? Uses of potassic carbonate?

2. Give the properties of lead. What is the chemical name for white lead? Its formula? Preparation? Why are lead pipes injurious? With which most dangerous, hard or soft water? Why? Best mode of coating?

3. Give ingredients of chief varieties of glass. What is porcelain? Stoneware? Earthenware?

4. What is the formula of cupric sulphate? Its commercial name? Name the alloys of copper.

5. How is mercury obtained? Give formula and commercial name for mercurous chloride. Preparation of mercuric

chloride? What is red precipitate? Formula? What are Hg. alloys called?

6. Give symbols of following: Cobalt, Nickel, Gold, Tin, Iron, Palladium, Rhodium. What are the following: Mg., Mn., G., Y., Cb., Bi., Al., Zr., Ti., Si., Te., As., R., Rb.

7. Give the composition of the atmosphere. Sodic carbonate? Preparation and uses? Sodic nitrate; formula? Source? Why unfit for making gunpowder?

8. Give the products of the destructive distillation of wood. Name the most important ingredients of coal tar.

9. Of what are all illuminating gases composed? From what are aniline colors prepared? How is the light of a flame increased? Why?

10. What is organic chemistry? What are hydro-carbons? Alcohols? Acids? Ethers? Name the three most important organic substances. Name the most important vegetable acids. Name the most important compound of cyanogen.

GEOMETRY AND ALGEBRA.

1. Prove that from a given point only one perpendicular can be drawn to a given straight line.

2. That the sum of any two opposite angles of an inscribed quadrilateral is equal to two right angles.

3. That parallelograms which have equal bases and equal altitudes are equal.

4. That if in a right angled triangle a perpendicular be drawn from the vertex of the right angle to the hypothenuse—1st. The triangles on each side of the perpendicular will be similar to the given triangle, and to each other; 2d. Each side about the right angle will be a mean proportional between the hypothenuse and adjacent segment; 3d. The perpendicular will be a mean proportional between the two segments of the hypothenuse.

5. Find the expression for the area of a circle in terms of its radius.

6. Prove that the intersections of two parallel planes by a third plane are parallel lines.

7. That the convex surface of a cylinder is equal to the circumference of its base, multiplied by its altitude.

8. That any triangular prism may be divided into three triangular pyramids equal to each other in volume.

9. That the volume of a sphere is equal to its surface multiplied by one-third of its radius.

10. That the sum of the angles of a spherical triangle is greater than two and less than six right angles.

11. Find the roots of the equation $x^3 - 9x^2 + 23x - 15 = 0$.

12. Find three numbers in geometrical progression whose sum is 14 and the sum of whose squares is 84.

13. Expand by Indeterminate Coefficients $\frac{4}{2+3x}$ to four terms.

TRIGONOMETRY AND APPLICATIONS.

1. Define Trigonometry, and give the fourteen relations between the eight functions.

2. Give the four formulas for the solution of right angled plane triangles.

3. Also the three proportions involved in the solution of oblique angled plane triangles.

4. Explain the method of finding the distance between two inaccessible objects.

5. Given the tangent of an angle $= \frac{2}{3}$, to find the values of the other seven functions.

6. Prove $\sin. a = 2 \sin. \frac{1}{2} a \cos. \frac{1}{2} a$.

7. Given two angles and the included side of a plane triangle, to find the rule for the area.

8. Name Napier's five circular parts of a right angled spherical triangle, and give the two rules involving them.

9. Prove, that in a right angled spherical triangle either side about the right angle and the opposite side are of the same species.

10. Show how, by means of the hypothenuse of a right angled spherical triangle, the species of the sides about the right angle may be determined.

11. Compute the area and plat the following survey.

Sta.	Bearing.	Distance.
1	N. $34\frac{1}{4}°$ E.	2.73
2	N. 85 ° E.	1.28
3	S. $56\frac{3}{4}°$ E.	2.20
4	S. $34\frac{1}{4}°$ W.	3.53
5	N. $56\frac{1}{2}°$ W.	3.20

11. A ship in latitude 32° North sails due East till her difference of longitude is 384 miles. Find the distance sailed.

ANALYTICAL GEOMETRY.

1. Define the equations of a point and give them for a point in each of the four angles, formed by a system of rectilinear axes.

2. Find the distance between the points (2.5) and (—3,—6) and verify the result geometrically.

3. Find the expression for the tangent of the angle formed by two given right lines intersecting.

4. From this expression find the condition of parallelism and that of perpendicularity.

5. Find the equation of the right line passing through the point $(\frac{1}{2} - \frac{2}{3})$ and parallel to the line $\frac{x}{2} - \frac{y}{3} = 2$.

6. Find the equation of the line passing through the point (1,—3,) and perpendicular to the line $2y - 4 = x$ and construct this line.

7. Find the general equation of the circle referred to a system of rectangular axes.

8. Find the different forms this equation assumes when the origin is transferred to a point on the curve and to the centre respectively.

9. Construct the circle $(x+2)^2+(y-4)^2=25$.

10. Find the equation of the tangent to a Parabola and from it find the sub-tangent.

11. Prove that the angles formed by a tangent to this curve with the axis and the radius vector to the point of tangency are equal.

12. Explain the method of drawing a tangent to a Parabola.

13. A Parabola being traced upon a plane, find its axis and focus.

14. In the Ellipse, prove that the squares of any two ordinates are to each other as the rectangles of the parts, into which they respectively divide the transverse axis.

15. Find the polar equation of an Ellipse whose axes are 12 and 8, the pole being at the focus to the left of the centre.

16. From this equation find the focal distances and semi-latus rectum.

17. Define the excentricity of the Ellipse and find it in the case of the curve $2x^2+3y^2=C^2$.

18. An Ellipse being traced upon a plane, find its axes and foci.

19. Define supplementary chords of a curve and find their equation of condition in the case of the Ellipse.

20. Explain the method of drawing a tangent to an Ellipse by means of the properties of the supplementary chords.

21. Find the equation of a tangent to an Hyperbola referred to its centre and axis.

22. Prove that the tangent to this curve bisects the angle formed by the radii vectores at the point of tangency.

23. Define the Asymptotes of an Hyperbola and give the equation of the curve referred to them.

ASTRONOMY.

1. What is the greatest breadth of the earth's surface that can be covered by the moon's umbra?

2. Since the moon's nodes retrogade 19° 20′ in a year, calculate the mean period in which the sun moves from any node to the same again.

3. The Julian error being 11m. 12s. in 1 year, and in order to correct it for time to come, three intercalary days are omitted every 400 years; calculate the time required to produce an error of one day.

4. Explain when there can be a total eclipse of the sun and when an annular one.

5. Explain the nature of the Apogean and Perigean tides.

6. On what two days of the year is the sun's rising and setting amplitude zero, and where is the amplitude always equal to the declination?

7. Disco Island in latitude 70° N. and lon. equal to the lon. of St. Paul in Brazil; when it is midnight at the latter place on the 21st of June, what is the sun's meridian altitude at Disco Island?

8. In what degree of N. lat. is the length of the longest night, 96 days?

9. When the sun wants 2 hours and 15 minutes of coming to the meridian of Baltimore, what hour is it at Mexico?

10. On the 21st of December the sun's meridian altitude was 27° 15′ S. of the observer, required the latitude.

RECITATIONS OF BALTIMORE CITY COLLEGE,

71st and 72d Terms.

I. RECITATIONS HEARD EACH WEEK BY THE SEVERAL PROFESSORS.

PROF. ELLIOTT,—Calculus, 3 times; Trigonometry and its applications, 4; Political Economy, 1; Geometry, 1; Composition, 1; Analytical Geometry, 4; Review of Mathematics, 1.....15

PROF. MORGAN.—Greek, 13 times; Latin, 5; Mental and Moral Science, 3; Constitution of the United States, 1.....22

DR. McINTIRE.—Astronomy, 4 times; History, 4.....8

PROF. WEBSTER —Book-Keeping, 15 times; Writing, 8.....23

PROF. SHEPHERD.—English Grammar, 13 times; Rhetoric, 2; English Literature, 3; Logic, 1; Composition, 4.....23

PROF. KERR.—Algebra, 10 times; Arithmetic, 2; Geometry and Plane Trigonometry, 10.....22

PROF. MILLES.—French, 7 times; Latin, 15.....22

PROF. RADDATZ.—German, 15 times; History, 8.....23

PROF. MAUPIN.—Latin, 22 times; Geometry, 1.....23

PROF. CLARKE.—Chemistry, 4 times; Physiology, 7; Natural Philosophy, 10; Geology and Mineralogy, 1.....22

MR. HAMILTON.—Arithmetic, 6 times; Algebra, 10; Geometry, 2; Physiology, 1; English Grammar, 3; Composition, 1.....23

II. RECITATIONS MADE EACH WEEK BY THE SEVERAL CLASSES.

I CLASS.—Latin, 4 times; Greek, 4; French, 2; German, 2; Calculus, 3; Review of Mathematics, 1; Geology and Mineralogy, 1; Chemistry, 1; Political Economy, 1; Book-Keeping, 3; Mental Philosophy, 1; Logic, 1; English Literature, 1.....25

H CLASS.—Latin, 4 times; Greek, 4½; French, 2; German, 2; Mental and Moral Science, 2; Constitution of the United States, 1; English Literature, 2; Analytical Geometry, 3½; Astronomy, 1; Chemistry, 3.....25

G CLASS.—Latin, 4 times; Greek, 4; French, 3; German, 3; Applications of Trigonometry, 4; Astronomy, 1; Natural Philosophy, 4; Rhetoric, 2.....25

F CLASS.—Latin, 5 times; German, 4; Geometry and Trigonometry, 5; Astronomy, 1; Book-keeping, 2; Natural Philosophy, 3; History, 2; English Analysis, 2; Composition, 1.....25

E CLASS.—Same as F.....25

D CLASS.—Latin, 5 times; Arithmetic, 2; Algebra, 5; Geometry, 1; History, 2; Physiology, 2; English Grammar, 3; Writing, 2; Book-Keeping, 2; Composition, 1.....25

C CLASS.—Same as D.....25

B CLASS.—Same as D.....25

A CLASS.—Same as D.....25

STATEMENT

Of the Number of Candidates for the Baltimore City College, Examined, Passed and Admitted, for Ten Years, 1865 to 1874, inclusive.

From Grammar Schools.	1865.			1866.			1867.			1868.			1869.			1870.			1871.			1872.			1873.			1874.		
	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.
No. 1	15	...	12	15	7	12	17	4	8	10	2	7	17	8	16	13	8	13	13	13	13	12	7	11	14	10	14	14	10	12
" 2	6	...	4	17	2	7	21	8	16	14	8	13	18	10	15	21	10	30	25	18	20	18	11	14	26	15	19	23	21	22
" 3	8	...	8	14	9	13	15	10	11	15	7	11	13	7	10	11	7	9	...	...	...	...	...	...	...	...	...	...	...	...
" 4	5	...	4	7	2	5	10	4	9	10	1	5	15	6	12	16	7	12	13	10	12	15	13	15	12	10	11	15	13	14
" 5	6	...	6	6	5	6	9	8	9	7	7	7	7	7	7	9	9	9	9	8	9	10	3	9	8	6	8	9	5	6
" 6	14	..	13	12	7	9	16	12	15	24	18	23	35	23	24	20	16	19	29	29	29	22	16	22	18	17	18	28	25	27
" 7	1	...	1	1	...	...	3	...	1	5	1	2	3	1	3	...	...	...	1	1	1	3	...	2	1	...	1	4	1	2
" 8	8	1	6	12	5	12	10	6	8	15	3	7	7	1	3	10	6	10	12	10	12	10	6	9	10	10	10	11	10	11
" 9	33	...	18	14	3	8	13	9	13	15	5	7	13	4	9	9	1	9	14	14	14	11	9	10	16	16	16	11	11	11
" 10	3	...	3	5	4	1	10	9	9	6	3	4	10	3	7	16	5	5	12	6	9	11	3	7	10	7	8	12	7	11
" 11	8	...	8	15	9	15	18	15	18	18	5	10	13	6	12	13	5	11	13	10	13	13	4	7	10	7	9	16	13	15
" 12	5	...	5	4	1	2	5	3	3	7	3	7	5	...	1	9	...	...	4	1	2	7	...	...	...	...	...	2	2	2
" 13 (formerly No. 3)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	10	16	12	5	9	14	11	14	15	10	14
" 14	18	1	18	20	11	17	15	14	15	17	9	14	21	11	19	14	12	14	10	13	10	14	11	14	10	10	10	12	11	12
" 15	9	...	8	14	7	11	13	11	13	14	11	13	6	1	3	14	...	5	24	15	20	18	8	16	13	7	10	17	12	13
" 17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	8	9	7	7	7	10	6	9	11	9	11	13	11	13
" 18	...	...	...	...	...	...	...	...	...	...	...	...	16	14	16	16	13	16	15	14	15	12	10	12	14	14	14	15	15	15
" 19	...	...	...	...	...	...	...	...	...	...	...	...	3	...	1	5	...	1	3	1	2	...	...	...	6	6	6	10	9	9
" 20	...	...	...	...	...	...	...	...	...	...	...	...	3	...	2	11	3	4	13	2	5	9	2	4	7	2	5	14	2	3
" 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	2	7	6	7	12	9	10
From other Schools	...	...	...	...	...	...	16	1	5	17	1	1	28	9	16	16	8	11	19	1	9	12	1	5	12	2	2	21	8	8

PUPILS ADMITTED

TO THE

BALTIMORE CITY COLLEGE,

JULY, 1874.

GRAMMAR SCHOOL No. 1.

*Jacob A. Bamberger, Charles T. Clarkson, Wilbur N. Harrison, Frederick B. Herman, William K. Isaacs, Edwin F. Le Cato, Frank McGowan, William E. Marcusi, *Louis E. Newman, A. Judson Robinson, Abraham Strauss, Lee W. Sumner.

GRAMMAR SCHOOL No. 2.

Alexander C. Abbott, John L. Blades, *Robert M. Foster, John C. Heede, William J. Henderson, John Herr, *Aquilla Johnson, James E. Jones, E. Sherwood Lamdin, Richard H. Lynch, Charles F. Mandler, John H. Manken, John C. Mencke, Thomas E. Miskimon, William G. Orr, Louis Schloss, John L. Singewald, John Smith, William C. Stevens, Daniel H. Sunderland, William F. Trower, George W. Williamson.

GRAMMAR SCHOOL No. 4.

John P. Conrad, James E. Cord, Jacob L. Doerksen, Henry Engel, Louis J. Franzke, Jacob Greenbaum, Charles W. Lewis, William G. McKinley, Charles H. Miller, George T. Mills, Samuel Oberndorf, William K. Peirce, Saxe L. Roberts, Lewis Stein.

GRAMMAR SCHOOL No. 5.

*Alford Kelly, Howard N. Roberts, *Edward J. Schroeder, George W. Shallus, *Edward Specht, *Charles A. Watson.

GRAMMAR SCHOOL No. 6.

William H. Baldwin, Harry W. Bennett, Jasper M. Berry, Robert L. Bradford, William V. Clark, J. Wilson Cole, Charles R. Colston, Willard G. Day, William S. Dorman, Robert C. Downey, William Dunn, Edward R. Foster, Christopher F. Friese, Frank E. Gettier, Johns Hopkins, William E. Loane, Joseph F. Matthai, Johnstone H. Quinan, Robert G.

Renwick, James A. Richardson, Frank I. Ridgely, James S. Russell, Andrew C. Snyder, John J. Snyder, Charles R. Trowbridge, Fletcher A. Williamson, J. Edgar Wilson.

GRAMMAR SCHOOL No. 7.

Samuel B. Brusstar, George W. Keen.

GRAMMAR SCHOOL No. 8.

Edwin B. Aler, Robert Bond, Charles C. Cook, Charles T. Davis, William F. Fitschen, John T. Freeman, William H. Elliott, William A. Gerbrick, Isaac E. Hess, Harry W. Kemp, Harry W. Meredith.

GRAMMAR SCHOOL No. 9.

Harry R. Banks, *John A. Foxcroft, *Nathan Hess, *Winter D. Horton, J. Adae Houck, Edwin T. Jones, James M. Lewis, Solomon E. Loewenthal, Maurice Meyer, *St. John Schaefer, Edwin C. Sollers.

GRAMMAR SCHOOL No. 10.

William S. Booze, James Downs, James W. Foster, Luther C. Gadd, William H. McGee, *Frank C. McKew, Benjamin J. Norris, Charles W. H. Schaun, *John H. Schenkel, Robert J. Toner, Adolphus H. Weaver.

GRAMMAR SCHOOL No. 11.

Hiram Block, John W. D. Bowen, John W. Chapman, Charles E. Coleman, William A. Conner, Elmer E. Cunningham, Joseph Eiseman, William Graef, *William J. McGahan, John H. Seward, J. Howard Sutton, John H. Taylor, Edward L. Watson, Winfield S. Williams, Samuel E. Wilson.

GRAMMAR SCHOOL No. 12.

Henry Kraft, Charles H. Mueller.

GRAMMAR SCHOOL No. 13.

Max Brafman, Alfred A. Chapman, Lazarus H. Fischer, William W. Franks, Max Gans, John G. Gehring, Robert M. Griffin, Aaron J. Hartogensis, Charles L. Mitchell, Charles D. Nicolai, Frederick P. Ross, John E. Stromenger, Millard F. Theban, R. Irving Watkins.

GRAMMAR SCHOOL No. 14.

George Carr, *Samuel A. Clagett, Daniel J. D. Coburn, Joseph W. Crist, Charles H. Geiger, Allen D. Hutchinson, *Charles W. Keyser, James G. Ramsay, Henry Reisenweber, William J. Roth, *Charles C. Waskey, Charles B. Watkins.

GRAMMAR SCHOOL No. 15.

Edward L. Ayers, William S. Bayley, William E. Coale, Roy G. Crowley, John C. Davis, *Edgar W. Day, Charles Gill, Caesar M. Guggenheimer, George W. Kookogey, *Joseph F. Reinhart, John H. Tschudi, Summerfield P. Walker, Walter W. Watts.

GRAMMAR SCHOOL No. 17.

James H. Barnes, William Benthall, Julius C. Ellinger, Joseph M. Fosler, Charles E. B. Fountain, John M. Lansdale, John R. Macaulay, Henry Owens, George A. Roesninck, Benjamin Rosenstock, William Schwab, Walter F. P. Waltjen, Frederick W. Zurmehl.

GRAMMAR SCHOOL No. 18.

Randolph A. Brown, Walter H. Corkran, Pearre E. Crowl, Charles W. Deems, William H. Dennis, Samuel Hill, William H. Leeson, Harry R. McCreary, Harry C. Merryman, John T. Ray, William B. Redgrave, George T. Ritchie, John F. Smyth, George H. Strewig, William F. Weigand.

GRAMMAR SCHOOL No. 19.

James R. F. Dawson, William H. C. Detrick, James C. King, H. Robert Logan, Lewis R. Long, Thomas P. Loud, George Z. Sheiblein, Alpha T. Stevens, John T. Webster.

GRAMMAR SCHOOL No. 20.

William E. Burton, Gustav A. Cook, Oscar C. Martenet.

GRAMMAR SCHOOL No. 21.

Edgar H. Bankard, *Edward S. Brittain, Eugene L. Crutchfield, John F. Easter, *Artis H. Ehrman, Joseph C. France, Arthur J. Hooper, Charles M. Kent, Harvey E. Plummer, *John W. Youngman.

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* Did not enter.

CATALOGUE

OF THE

STUDENTS OF BALTIMORE CITY COLLEGE,

FOR THE

Academic Year, Commencing Sept. 1, 1874.

FIFTH YEAR.—7.

I Class.

Samuel S. Cole,	George W. McCreary,	Robert S. Rowe,
Thomas H. Disney,	George F. Nicolassen,	William J. Young.
Simon Grauer,		

FOURTH YEAR.—24.

H Class.

Louis B. Bernei,	Robert E. France.	Walter S. Milnor,
Charles C. Berry,	Edgar H. Gans,	Charles W. Mitchell,
Thomas Borland,	Edgar Goodman,	Leigh C. Morgan,
Abram H. Colmary,	Benjamin H. Haman,	James C. Nicholson,
Stephen R. Cook,	James H. Krebs,	Thomas G. Potts,
George I. Daneker,	Martin Lauer,	John G. Scott,
Frank M. Dare,	Ira C. Lyon,	Edmund G. Wicks,
Hamilton Delehay,	Edward B. Magruder,	William T. Yost.

THIRD YEAR —40.

G Class.

Howard D. Adams,
David Ash,
Frederick W. Beck,
Wallace W. Bond,
Gustavus F. Boucsein,
William C. Brian,
Charles C. Buck,
Solomon A. Burgunder,
Walter B. Clarkson,
Lloyd Cole,
Charles A. Depro,
Isaac Gans,
Charles H. Gilbert,
Leon Goldman,
James T. Gray,
James L. Harman,
Francis W. Harrell,
William Ingle,
Herman G. Jacobi,
Charles E. James,
James B. Johnson,
Charles C. Jones,
Franklin P. Keller,
Jacob M. Lauchheimer,
Harry F. Lucas,
William P. Moss,
Charles T. Neepier,
Clinton T. Pentz,
John T. Pfister,
Samuel C. Phillips,
James S. Rogers,
Douglas Sewall,
Isaac H. Shirk,
Henry D. Skinner,
Charles C. Smith,
Arthur B. Steuart,
Wiltz R. Stricklen,
Charles A. Taylor,
David Wade,
James G. Wynn.

SECOND YEAR.—105.

F Class.

Samuel F. Addison,
Thomas C. Askew,
Milton W. Audoun,
Theodore D. Austin,
Thomas R. Ball,
Edward E. Barclay,
Manley H. Barnes,
Charles S. Bowen,
John P. Brown,
James B. Burke,
John D. Byrd,
Melville W. Carmichael,
Harry M. Chenoweth,
Robert H. Chew,
Frederick H. Claridge,
James Clendenin,
Charles W. Coggins,
Edward H. Condon,
William S. Cook,
Henry Crook,
Henry B. Daneker,
William C. Day,
Joseph L. Dunn,
Daniel J. Emich,
Harry G. Ensor,
George M. Entz,
William B. Faringer,
Frank Fisher,
William J. Flaharty,
George A. Frick,
John M. Frisch,
Charles M. Gale,
John M. E. Gallagher,
Edward J. Geis,
Edgar Gillet,
Millard F. Gorman,
Carl E. Grammer,
Jacob Grape,
William Grauer,
John C. Harker,
William J. Hennick,
Julius K. Hexter,
Edwin S. Hinks,
John Hoffmann,
William H. Howell,
Edgar G. Jones,
Worthington L. Jones,
Albert C. Kenly,
George W. Lainhart,
William L. Langley,
Robert V. Lansdale,
Chas. H. Lauchheimer,
Walter Lefevre.—53.

SECOND YEAR—Concluded.

E Class.

Benjamin Lenzberg,
Maurice Liebmann,
Charles F. Long,
John H. Lowe,
John W. Lyell,
Robert T. McDowell,
Louis C. Mack,
Luther C. Marley,
Edward R. Marston,
George M. Martin,
Elijah B. Milbourne,
Charles A. A. J. Miller,
Jacob J. H. Mitnick,
Eugene H. Moore,
Hezekiah Niles,
Isadore Noah,
Harold C. Painter,
William F. Parker,
Albert A. Pohlman,
George H. Porter,
Henry T. Porter,
J. Howard Poulson,
Allen B. Quinan,
De Witt C. Redgrave,
Edward S. Reese,
John A. Robb,
John Rodgers,
John C. Rose,
John H. D. Rowan,
Abraham Ryttenberg,
Charles Schmelz,
George Seidenstricker,
Wilbur F. Sherwood,
John Siebert,
Andrew J. Smith,
James S. Smith,
Henry Snow,
Adolph Spamer,
Edward H. Spieker,
David P. Sullivan,
Harry C. Vansant,
Charles B. Watkins,
Thomas J. B. Watts,
John L. Weigand,
Edward J. Welch,
James E. Wilkinson,
Howard T. Williams,
Addison Willson,
James P. Winchester,
Jeremiah H. Wrightson,
Clinton K. Yingling,
Samuel F. Zeigler.—52.

FIRST YEAR.—224.

D Class.

Alexander C. Abbott,
Charles H. Aburn,
George F. Adams,
Edwin B. Aler,
Edward L. Ayers,
William H. Baldwin,
Edgar H. Bankard,
Harry R. Banks,
James H. Barnes,
William L. Batchelor,
William S. Bayley,
Harry W. Bennett,
William Benthall,
Jasper M. Berry,
John L. Blades,
Hiram Block,
Robert Bond,
William S. Booze,
John W. D. Bowen,
Robert L. Bradford,
Max Brafman,
William F. Brooks,
Randolph A. Brown,
Samuel B. Brusstar,
William E. Burton,
Charles H. Buschman,
Henry C. Carlile,
George Carr,
Alfred A. Chapman,
John W. Chapman,
William V. Clark,
George H. Clarke,
Charles T. Clarkson,
William E. Coale,
Daniel J. D. Coburn,
James W. Cole,
Charles E. Coleman,
Charles R. Colston,
William A. Conner,
John P. Conrad,
Charles C. Cook,
Gustavus A. Cook,
James E. Cord,
Walter H. Corkran,
Joseph W. Crist,
Pearre E. Crowl,
Roy G. Crowley,
Eugene L. Crutchfield,
Elmer E. Cunningham,
Charles T. Davis,
Eldridge S. Davis,
John C. Davis,
James R. F. Dawson,
Willard G. Day,
Charles W. Deems,
William H. Dennis.—56.

FIRST YEAR—Continued.

C Class.

William H. C. Detrick,
Jacob L. Doerksen,
William S. Dorman,
Robert H. Dougherty,
Robert C. Downey,
James Downs,
Ernest H. Dryden,
William Dunn,
John F. Easter,
Joseph Eiseman,
Julius C. Ellinger,
William H. Elliott,
Henry Engle,
Lazarus Fischer,
William D. Fisbach,
William F. Fitschen,
Edward D. Fitzgerald,
Joseph M. Fosler,
Edward R. Foster,
James W. Foster,
Charles E. B. Fountain,
Joseph C. France,
William W. Franks,
Louis J. Franzke,
John T. Freeman,
Roger A. Frey,
Christopher F. Friese,
Luther C. Gadd,
Max Gans,
Edward L. Gatch,
John G. Gehring,
Charles H. Geiger,
William A. Gerbrick,
Frank E. Gettier,
Charles Gill,
William Graef,
Jacob Greenbaum,
Robert M. Griffin,
Caesar Guggenheimer,
Wilbur N. Harrison,
James T. Hart,
Aaron J. Hartogensis,
John C. Heede,
William J. Henderson,
Frederick B. Herman,
John Herr,
Isaac E. Hess,
Samuel Hill,
Arthur J. Hooper,
Johns Hopkins,
Jacob A. Houck,
Allen D. Hutchinson,
William K. Isaacs,
Edwin T. Jones,
James E. Jones,
George W. Keen,
Harry W. Kemp.—57.

B Class.

Charles M. Kent,
James C. King,
George W. Kookogey,
Henry Kraft,
Edward S. Lamdin,
John M. Lansdale,
Edwin F. Le Cato,
William H. Leeson,
Charles W. Lewis,
James M. Lewis,
Andrew S. Littlefield,
William E. Loane,
Solomon E. Loewenthal,
Hugh R. Logan,
Lewis R. Long,
Thomas P. Loud,
Richard H. Lynch,
Harry R. McCreary,
Whitford L. McDowell,
William H. McGee,
Frank M. McGowan,
William G. McKinley,
John R. Macaulay,
Charles F. Mandler,
John H. Manken,
William Marcusi,
Oscar C. Martenet,
Joseph F. Matthai,
John C. Mencke,
Harry W. Meredith,
Harry C. Merryman,
Maurice Meyer,
Charles H. Miller,
George T. Mills,
Thomas E. Miskimon,
Charles L. Mitchell,
De Clifford Moorehead,
Charles H. Mueller,
Charles F. Munder,
Charles D. Nicolai,
Benjamin J. Norris,
Samuel Oberndorf,
William G. Orr,
Henry Owens,
William K. Peirce,
Harry E. Plummer,
Hamilton E. Purcell,
Matthew Purcell,
Johnstone H. Quinan,
James G. Ramsay,
Neilson Ramsay,
John T. Ray,
William B. Redgrave,
Henry Reisenweber,
Robert G. Renwick,
James A. Richardson—56.

FIRST YEAR—Concluded.

A Class.

Frank I. Ridgely,
George T. Ritchie,
Howard N. Roberts,
Saxe L. Roberts,
Adoniram J. Robinson,
George A. Roesninck,
Benjamin Rosenstock,
Frederick P. Ross,
William J. Roth,
James S. Russell,
Charles W. H. Schaun,
Louis Schloss,
William Schwab,
Samuel H. Scoggins,
John H. Seward,
George W. Shallus,
George Z. Sheiblien,
John L. Singewald,
John Smith,
John F. Smyth,
Andrew C. Snyder,
John J. Snyder,
Edwin C. Sollers,
Lewis Stein,
Alpha T. Stevens,
William C. Stevens,
Abraham Strauss,
George H. Strewig,
John E. Stromenger,
Lee W. Sumner,
Daniel H. Sunderland,
Jacob H. Sutton,
John H. Taylor,
Millard F. Theban,
Charles E. Thomas,
Robert J. Toner,
Walter R. Townsend,
Charles R. Trowbridge,
Jesse F. Trower,
John H. Tschudi,
Summerfield P. Walker,
Walter F. P. Waltjen,
Charles B. Watkins,
Richard I. Watkins,
Edward L. Watson,
Walter W. Watts,
Adolphus H. Weaver,
John T. Webster,
William F. Weigand,
Winfield S. Williams,
Fletcher A. Williamson,
George W. Williamson,
James E. Wilson,
Samuel E. Wilson,
Frederick W. Zurmehl.
—55.

SUMMARY OF CATALOGUE.

Fifth Year,	I	Class		7
Fourth "	H	"		24
Third "	G	"		40
Second "	F	"	53	
" "	E	"	52	
				105
First "	D	"	56	
" "	C	"	57	
" "	B	"	56	
" "	A	"	55	
				224
Total number on Roll, Fall Quarter, 1874				400
Returned after Summer vacation				193
Admitted " " "				207
Whole number on Roll during the year 1874				493

REPORT OF THE PRINCIPAL

OF THE

EASTERN FEMALE HIGH SCHOOL,

WITH

Accompanying Papers,

FOR THE YEAR 1874.

COMMITTEE

ON THE

FEMALE HIGH SCHOOLS.

JOHN P. POE, *Chairman.*
GEO. L. HAMEL,
H. B. ROEMER,
T. J. MAGRUDER,
WM. M. IVES,
JAMES HENDERSON,
JOHN T. MORRIS, *President.*

TEACHERS
OF THE
EASTERN FEMALE HIGH SCHOOL.

NATHANIEL H. THAYER,
Astronomy, Chemistry, Moral Philosphy.

ELIZABETH A. BAER,
Rhetoric, Elocution, Composition, Mental Philosophy.

PHEBE J. TOMPKINS,
Arithmetic, Composition.

SARAH L. BASSFORD,
History, Composition, Rhetoric, Book Keeping.

MARY C. GEDDES,
Algebra, Geometry, Composition.

LAURA V. DeVALIN,
Physiology, English Literature, Composition.

ELIZA E. NICOLAI,
Etymology, Natural Philosophy.

LAURA M. MULLIN,
Drawing.

HENRIETTA J. BREWER,
Algebra, Composition, Penmanship, History,

LOUISA BROWNING,
Grammar, Composition.

AMANDE DUBRIEUL,
AUGUSTINE LECOURT,
French.

J. H. ROSEWALD,
Vocal Music.

GRADUATES, 1874.

M. Estelle Bateman,
Ella Bersch,
Sophia Brooks,
Anna E. Brennan,
Caroline R. Bullock,
Margaret C. Cumming,
Mary P. Cole,
Margaret H. Creney,
Emma F. Dawson,
Mary W. Dungan,
Ella Davis,
Kate W. Emich,
Laura Frank,
Annie M. Gibney,
Mary B. Gees,
Estella Gilligan,
Catharine Gorton,
Eudora E. Von Hoxar,
Nancy Hill,
Mary E. Hudgins,
S. Frances Kinnemon,
Frances V. King,
Laura T. Lynch,
Mary V. Langley,
Rachel Lauer,
Kate Y. Mills,
Josephine Maydwell,
Sarah J. McPherson,
Alice F. Price,
Marian Preiss,
Caroline Rosenblatt,
Catharine J. Ricketts,
Catharine Sahm,
Margaret J. Sutherland,
Emma M. Thurlow.

RECIPIENTS

OF THE

PEABODY MEDALS,

AND OF THE

Maryland Institute Membership Tickets for one Year.

FIRST GRADE.

MARY B. GEES,
MARY P. COLE,
CATHARINE GORTON,
CAROLINE ROSENBLATT,
KATE W. EMICH.

—:o:—

SECOND GRADE.

LAURA FRANK,
MARY V. LANGLEY,
MARGARET CUMMING,
ESTELLA GILLIGAN,
MARY E. HUDGINS,
MARIAN PREISS,
ELLA BERSCH,
CAROLINE R. BULLOCK,
MARY W. DUNGAN,
ALICE PRICE.

—:o:—

ADDITIONAL RECIPIENTS

OF THE

PEABODY LECTURE TICKETS,

Awarded to the Twenty-Five Highest.

SARAH J. McPHERSON,
NANCY HILL,
CATHARINE RICKETTS,
RACHEL LAUER,
MARGARET CRENEY,
ANNA E. BRENNAN,
EMMA DAWSON,
KATE Y. MILLS,
FRANCES KING,
CATHARINE SAHM.

REPORT

OF THE

PRINCIPAL OF EASTERN FEMALE HIGH SCHOOL.

BALTIMORE, November 14, 1874.

To the Board of Commissioners of Public Schools:

GENTLEMEN:

I have the honor to report that this school closed in June with 303 on its roll. Of these 236 returned in September, 115 were admitted from the Grammar Schools, one was transferred from the Western Female High School, and one entered from a private school. Eleven of the aggregate having withdrawn since September, we have at this date 342. These are organized into eleven classes, A, B, C, D, E, F, G, H, I, K, L, with a teacher to each class, and a special one for Vocal Music. Of the sixty-seven who did not return, thirty-five were graduated in June. The general causes of other withdrawals are removals from the city, changes of residences, and domestic necessity. The discipline of the school is good, the conduct and deportment are excellent, and under an equable schedule, and the faithful labor of their teachers, all will, I trust, render a good account at their examination in January.

The school opened auspiciously, and under your contiued fostering care I hope that the highest expectations of all may be realized. Referring you, for more special information, to the accompanying papers, I, with sentiments of the highest consideration, remain your obedient servant,

NATH. H. THAYER.

SUMMARY

Of the Results of the Examination of 1874, *and Total Number Entered from all Sources.*

GRAMMAR SCHOOLS.	Examined.	Passed.	Failed.	Admitted.	Entered.
2	22	10	12	13	13
3	12	7	5	11	9
5	11	6	5	10	9
7	5	3	2	4	4
9	10	7	3	8	4
11	17	10	7	13	18
13	27	20	7	25	23
14	11	8	3	10	8
17	23	19	4	22	21
20	22	14	8	18	16
Private Schools	4	0	4	1	1
	164	104	60	132	116

Returned	236
From Grammar Schools	116
Transferred from Western School	1
Total	353

RESULTS OF EXAMINATIONS

Of Candidates for Admission into the Eastern Female High School from 1865 to 1874, inclusive.

Female Grammar Schools.		2	3	5	7	9	11	13	14	16	17	20	Total.
		No.	"	"	"	"	"	"	"	"	"	"	
1865.		18	9	17	...	...	23	45	25	...	...	...	137 Examined.
		4	1	6	...	...	8	1	1	...	...	...	21 Failed.
		14	8	11	...	...	15	44	24	...	...	...	116 Passed.
1866.		22	16	16	5	7	28	32	20	...	...	...	146 Examined.
		1	6	1	4	0	2	2	0	...	...	...	16 Failed.
		21	10	15	1	7	26	30	20	...	...	...	130 Passed.
1867.		26	12	18	4	...	25	38	17	...	...	...	140 Examined.
		3	0	2	1	...	2	1	0	...	...	...	9 Failed.
		23	12	16	3	...	23	37	17	...	...	...	131 Passed.
1868.		28	13	21	8	...	28	36	18	1	4	2	159 Examined.
		2	0	3	3	...	1	0	2	0	0	1	12 Failed.
		26	13	18	5	...	27	36	16	1	4	1	147 Passed.
1869.		33	9	18	8	...	26	45	13	...	14	26	192 Examined.
		3	2	4	7	...	6	10	1	...	0	6	39 Failed.
		30	7	14	1	...	20	35	12	...	14	20	153 Passed.
1870.		14	10	17	7	12	24	33	12	...	14	26	169 Examined.
		1	4	14	7	1	16	30	5	...	6	26	110 Failed.
		13	6	3	0	11	8	3	7	...	8	0	59 Passed.
1871.		18	7	14	...	11	26	28	9	...	19	18	150 Examined.
		0	0	2	...	0	0	8	0	...	1	0	11 Failed.
		18	7	12	...	11	26	20	9	...	18	18	139 Passed.
1872.		21	14	14	2	...	26	25	16	2	12	32	164 Examined.
		16	3	11	1	...	10	14	6	2	6	23	92 Failed.
		5	11	3	1	...	16	11	10	0	6	9	72 Passed.
1873.		31	11	17	1	15	23	26	14	...	23	25	186 Examined.
		26	7	13	1	5	10	20	7	...	15	19	123 Failed.
		5	4	4	0	10	13	6	7	...	8	6	63 Passed.
1874.		22	12	11	5	10	17	26	11	...	23	22	159 Examined.
		12	5	5	2	3	7	6	3	...	4	8	55 Failed.
		10	7	5	3	7	10	20	8	...	19	14	104 Passed.

SUMMARY.

GRADUATES		35
UNDERGRADUATES.		
First Year	117	
Second Year	108	
Third Year	74	
Fourth Year	54	
	—	353
WITHDRAWN SINCE SEPTEMBER.		
First Year	6	
Second Year	2	
Third Year	3	
Fourth Year	0	
	—	11
On the Roll November 14, 1874		342

COURSE OF STUDY.

FIRST YEAR.

Etymology,
English Grammar,
Elocution,
History,
Writing,
Natural Philosophy,
French,
Physiology,
Arithmetic,
Algebra,
Composition,
Music,
Drawing.

SECOND YEAR.

English Grammar,
History,
Rhetoric,
Elocution,
Arithmetic,
Algebra,
Natural Philosophy,
Physiology,
Drawing,
Music,
Composition,
French.

THIRD YEAR.

English Grammar,
History,
Rhetoric,
Elocution,
French,
Algebra,
Astronomy,
Geometry,
Chemistry,
Composition,
Drawing,
Music.

FOURTH YEAR.

Grammar,
Arithmetic,
Moral and Mental Philosophy,
Book-Keeping,
Chemistry,
Astronomy,
English Literature,
Composition,
Geometry,
French,
Drawing,
Music.

DISTRIBUTION OF WORK IN THE EASTERN F. H. SCHOOL.

| | Classes. | | |

SCHEDULE OF WORK IN THE EASTERN FEMALE HIGH SCHOOL.

Rooms.		13		2		3		4		5		6	7	8		9		11		12		1
Days.	Periods.	Mr. Thayer.		Miss Baer.		Miss Bassford.		Miss Nicolai.		Miss DeVallin.		French.	Drawing.	Miss Browning.		Miss Brewer.		Miss Geddes.		Miss Tompkins.		Mr. Rosewald.
Monday.	1	.....	Super.	I,	Eloc.	K, L,	B. Kep.	E,	N. Phil.	D,	Phys.	A,	F,	G,	Gram.	D,	Histy.	H,	Geom.	C,	Arith.	.....
	2	K, L,	Mo. Ph.	.....	Comp.	H,	Histy.	F,	"	E,	"	B,	G,	A,	"	C,	"	I,	Alg.	D,	"	.....
	3	H,	Astron.	A,	Eloc.	I,	"	D,	Ety.	K,	E. Lit.	C,	L,	E,	Comp	B,	"	F,	"	G,	Comp.	.....
	4	K,	"	L,	Me. Ph.	G,	"	B,	"	H,	Comp	D,	I,	C,	Gram.	A,	"	E,	"	F,	Arith.	.....
	5	L,	"	B,	Eloc.	E,	Rhet.	A,	"	D,	Phys.	F,	H,	I,	"	C,	Alg.	G,	"	K,	"	.....
Tuesday.	1	.....	Super	I,	Eloc.	E,	Histy.	C,	Ety.	A,	"	H,	F,	B,	"	D,	"	K, L,	Geom.	G,	"	.....
	2	K, L,	Chem.	H,	Rhet.	F,	Rhet.	G,	N. Phil	B,	"	I,	A,	E,	"	C,	Pen.	.....	Comp.	B,	"	.....
	3	B,	Alg.	L,	Eloc.	I,	Histy.	A,	"	C,	"	K,	E,	H,	"	D,	"	G,	Alg.	F,	"	.....
	4	H,	Chem.	K,	"	G,	Rhet.	B,	"	I,	Comp.	L,	C,	D,	"	A,	Alg.	F,	"	E,	"	.....
	5	I,	"	C,	"	E,	"	D,	"	L,	E. Lit.	G,	K,	F,	Comp.	B,	Pen.	H,	"	A,	"	.....
Wednesday.	1	.....	Super.	K,	Me. Ph.	E,	"	F,	"	....	Comp.	C,	L,	H,	Gram.	D,	Histy.	I,	Geom.	G,	"	A. B.
	2	I,	Astron.	.....	Comp.	F,	Histy.	G,	"	....	"	B,	K,	E,	"	A,	Pen.	H,	"	L,	"	C. D.
	3	K,	Mo. Ph.	H,	Eloc.	B,	Comp.	C,	"	...	"	A,	I,	....	Comp.	D,	Alg.	L,	"	....	Comp.	E. F. G.
	4	L,	"	D,	"	F,	Rhet.	A,	"	...	"	E,	....	G,	Gram.	C,	Comp.	K,	"	B,	"	H. I.
	5	.....	Super.	I,	Rhet.	G,	Histy.	C,	Ety.	B,	Phys.	F,	H,	....	Comp	A,	"	E,	Alg.	D,	"	K. L.
Thursday.	1	.....	Super.	G,	Eloc.	K, L	B. Kep.	E.	N. Phil.	F,	"	H,	A,	C,	Gram.	B,	Histy	I,	Geom.	D,	"	.....
	2	K, L,	Astron.	F	"	.....	Comp.	A, B,	Ety.	E,	"	I,	G,	D,	"	C,	"	H,	"	.....	Comp.	.....
	3	B,	Alg.	H,	"	G,	Rhet.	F,	N. Phil.	L,	E. Lit.	K,	D,	I,	"	A,	"	E,	Alg.	C,	Arith.	.....
	4	H, I,	Chem.	K,	Me. Ph.	D,	Comp.	C,	"	G,	Phys.	L,	E,	F,	"	B,	Pen.	.....	Comp.	A,	"	.....
	5	.....	Super.	L,	"	F,	Histy.	D,	Ety.	C,	"	G,	E,	K,	"	A,	Alg.	H, I,	Comp.	E,	"	....
Friday.	1	.....	Super.	E,	Eloc.	H,	"	G,	N. Phil.	F,	"	....	D,	L,	"	C,	"	J,	Geom.	K,	"	A. B.
	2	I,	Astron.	.....	Comp.	G,	Rhet.	E,	"	K,	E. Lit.	....	B,	F,	"	A,	Pen.	H,	Alg.	L,	"	C. D.
	3	K, L,	Chem.	H,	Rhet.	.....	Comp.	D,	"	A,	Phys.	....	C,	...	Comp.	....	Comp.	I,	"	B,	"	E. F. G.
	4	.....	Super.	K, L,	Comp.	E,	Histy.	.....	Comp.	G,	"	....	....	B,	Gram.	C,	Pen	F,	"	A,	"	H. I.
	5	H,	Astron.	I,	Rhet.	F.	Rhet.	B,	N. Phil.	....	Comp.	D,	....	A,	.....	D,	"	G,	"	C,	"	K. L.

NAMES

Of Pupils Admitted to the Eastern Female High School from Female Grammar Schools Nos. 2, 3, 5, 7, 11, 13, 14, 17 *and* 20, *June*, 1874.

FEMALE GRAMMAR SCHOOL No. 2.

Caroline Bell, Kate Cade, Caroline Ford, Susan Henderson, Minnie Ludington, Caroline Miller, Kate Miller, Lillie North, Mary Smith, Sarah Solomon, Annie Wightman, Rachel Willis, Ella Watts, Mary Young.

FEMALE GRAMMAR SCHOOL No. 3.

Susan B. Dungan, Mary C. Hudgins, Sarah Hartman, Florence E. Meade, Susan McGrane, Elizabeth Morris, Margaret Morris, Emily Pierce, Mary A. Roberts, Catharine Search, Laura Wagner.

FEMALE GRAMMAR SCHOOL No. 5.

Anna E. Annesby, Mary C. Conn, Margaret Hallaran, Hannah Kelly, Frances E. Magers, Anna E. McDevitt, Henrietta Plant, Catharine Sheldt, Ida M. Unklebach, Mary Murphy.

FEMALE GRAMMAR SCHOOL No. 7.

Ida Klatte, Nettie Keen, Rosa M. Reynolds, Mary Sullens, Corrinne E. Williams.

FEMALE GRAMMAR SCHOOL No. 9.

Eleanor Blocham, Lulu Dashield, Louisa Earickson, Mary Graydon, Caroline Sleikman, Neni Godfrey, Ella Kerley, Laura Magruder, Annie Weinrick.

FEMALE GRAMMAR SCHOOL No. 11.

Mary Aburn, Jessie Brown, Mary Crozier, Maud Cline, Mary Dovell, Anna Furness, Emma Graves, Lucretia Hall, Cassandra League, Mary Legg, Emma Leilic, Laura Mohr, Annie Webb, Sarah Burke.

FEMALE GRAMMAR SCHOOL No. 13.

Rosa Bernei, Sophia Booth, Rosa Barrett, Mary Byrd, Sarah Connollee, Annie Castine, Elizabeth Davis, Emma Dobson, Irene Frazier, Ella Green, Estelle Heddinger, Belle Horner, Ida Heindle, Laura Levy, Kate McNeal, Kate Mumma, Elizabeth McCauly, Mary Richmond, Annie Scott, Laura Simmonds, Emma Stinson, Mary Sherwood, Annie Sanford, Ida Watkinson, Lulu Weedon, Lillie Yater.

FEMALE GRAMMAR SCHOOL No. 14.

Georgette Cunningham, Emma Cougle, Laura Evans, Laura Soran, Virginia France, Louisa Faul, Helen Gordon, Laura Kirwan, Josephine Luck, Anna Vickers, Mary Siebert.

FEMALE GRAMMAR SCHOOL No. 17.

Elizabeth Adams, Cora Abbess, Alice Baily, Nellie Battrell, Emma Clarke, Kate Carroll, Birdsel Duling, Mary Garrelle, Virginia Hecht, Virginia Henderson, Susan Gage, Minnie Mathers, Amanda Melvin, Kate Nuthall, Frances Pridham, Ida Parker, Alta Rhodes, Harriett Salter, Margaret Sahm, Bertha Winks, Josephine Wilmot, Elizabeth Williams.

FEMALE GRAMMAR SCHOOL No. 20.

Georgia Bennett, Emma Bode, Lelia Barrow, Mary Cox, Celestia Diggs, Amanda French, Lucy Hill, Catharine Hoffman, Florence Marshall, Florence Loane, Edith Nicols, Sophia Smeltz, Harriett Sheppard, Anna Spalding, Catharine Sweeting, Emma Taylor, Ida Valentine, Ida McCadden.

PRIVATE SCHOOLS.

Isabella M. Sears, Annie R. Sears, Ella S. Drake, Alice Frenchard.

CATALOGUE

OF THE

PUPILS OF THE EASTERN FEMALE HIGH SCHOOL,

For the Academic Year, Commencing September 1st, 1874.

FIRST YEAR.—A, B, C, D.

Abbess, Cora A.
Adams, Elizabeth
Alton, Margaret
Annesley, Anna E.
Baily, Alice
Baltzell, Sarah E.
Barrett, Rosalie
Barrow, Lelia V.
Bell, Caroline
Bennett, Georgia C.
Bernei, Rosa
Bloxham, Eleanor E.
Bode, Emma
Booth, Sophia
Burke, Sarah A.
Byrd, Mary
Cade, Kate E.
Carroll, Kate E.
Castine, Annie
Clarke, Emma
Cline, Maud E.
Connellee, Sarah F.
Gordon, Helen
Halloran, Margaret
Hall, Lucretia M.
Hartman, Sarah
Hecht, Virginia
Heddinger, Sarah E.
Henderson, Virginia M.
Henderson, Susan I.
Hill, Lucy
Horner, Belle
Hudgins, May C.
Keen, Henrietta
Kelley, Johannah
Kerby, Mary E.
Kirwan, Laura V.
Klatte, Annie J.
League, Cassandra
Legg, Mary E.
Levy, Laura M.
Loane, Florence
Ludington, Minnie
Magers, Fannie E.
Nuthall, Kate D.
Parker, Ida V.
Plant, Henrietta
Pridham Frances E.
Reynolds, Rosa M.
Rhodes, Altazera
Richmond, Mary E.
Roberts, Mary A.
Salter, Harriet A.
Sanford, Ann E.
Scheldt, Kate
Scott, Annie
Seach, Kate T.
Sears, Isabel
Sheppard, Harriet E.
Sherwood, Mary E.
Sleikman, Caroline F.
Smith, Mary L.
Solomon, Sarah
Soran, Laura V.
Spalding, Anna
Stinson, Emma V.

FIRST YEAR—Concluded.

Cougle, Emma L.
Cox, Mary R.
Crozier, May
Cunningham, Georgietta
Davis, Elizabeth
Diggs, Celesta L.
Dobson, Emma M.
Dulin, Birdcel
Evans, Laura J.
Ford, Caroline B.
France, Negina
Frazier, Irene E.
French, Amanda A.
Gage, Susan
Garrelle, May E.
Green, Ella
Hoffman, Catharine
Marshall, Florence L.
Mathers, Minnie
Meade, Florence E.
Melvin, Amanda L.
Miller, Caroline
Miller, Kate B.
Mohr, Laura
Morris, Elizabeth
Morris, Margaret
Mumma, Kate
Murphy, Mary A.
McCadden, Margaret
McCauly, Henrietta
McDevitt, Anna E.
McGrane, Susan
McNeal, Kate
North, Lilian
Sullins, Mary E.
Sweeting, Catharine I.
Taylor, Emma H.
Unklebach, Ida M.
Valentine, Ida I.
Vickers, Anna B.
Wagner, Laura V.
Watkinson, Ida T.
Webb, Annie L.
Weinrich, Annie M.
Wightman, Annie V.
Williams, Elizabeth
Willis, Rachel
Wilmot, Josephine A.
Yater, Lillie
Young, Mary E.—116.

SECOND YEAR.—E, F, G.

Aburn, Laura
Applegarth, Emma A. H.
Archer, Agnes E.
Atkinson, Annie M.
Baker, Anna E.
Bartgis, Florence S.
Barton, Elizabeth D.
Bawden, Mary F.
Baylies, Caroline D.
Beans, Amy
Begnell, Mary A.
Bender, Sarah B.
Benthall, Mary I.
Bowling, Marinda
Brawner, Abbie
Bromwell, Jane
Brooks, Anna V.
Bryan, Albertina B.
Bryan, Mary K.
Burnham, Alice
Bishop, Clara
Dobler, Margaret
Dobson, Annie R.
Dunbracco, Estelle V.
Earp Minnie A.
Eaton, Ida
Evans, Laura
Evans, S. Ros.
Fatherly, Eva D.
Fatherly, Ida V.
Ferguson, Margaret H.
Fountain, Ella
Frank, Ella
Frank, Martha S.
Frazier, Imogine
Friedenwald, Rebecca
Gibney, Mary
Gillen, Gertrude
Gladman, Florence.
Glenn, Elizabeth A.
Greenwood, Pamelia
Grove, Catharine S.
Locke, Clara B.
Mailhouse, Laura
Mason Lorana
Medinger, Hannah
Merchant Catharine
McCormick, Emma
Miller, Lydia
McDaniel, Mary E.
McElfresh, Catharine A.
New, Emma E.
Olfers, Eugenia
Orr, Emma B.
Owens, Imogine
Parsons, Sarah
Peed, Nancy
Poins, Adelaide M.
Ramsay, Catharine R.
Register, Harriet E.
Rightmeyer, Rosa
Rites, Florence
Seibert, Ella V.

SECOND YEAR—Concluded.

Blackman, May
Buckler, Ida
Campbell, Frances
Castleberg, Mary
Clagett, Lillian R.
Coggins, Mary E.
Copenhaver, Caroline
Cummins, Agnes
Davis, Catharine
Dayle, Margaret
Deal, Sarah B.
Denney, Sarah
Denson, Mary A.
Dickerson, Florence P.
Diggs, Clara V.
Hupp, Johanna
Hall, Lela
Hall, Ellen
Hanlon, Laura
Harrison, Laura
Haynie, Ellen
Healy, Catharine
Heindle, Clara
Herman, Clara
Holloway, Grace
Hunter, Annie S.
Jones, Elizabeth
Klinefelter, Frances
Lowenberg, Florence
Linthicum, Rebecca C.
Senderling, Annetta M.
Strobel, Helen G.
Phillips, Ida
Taylor, Jane C.
Taylor, Eliza H.
Thalheimer, Theresa
Tongue, Elsie
Wallace, Sarah A.
Ward, Annie
Warrington, Margaret
Wells, Martha
White, Margaret E.
Wightman, Clara
Wrightson, Alice
Yiesley, Emma.—108.

THIRD YEAR—H, I.

Abbott, Julia F.
Ahring, Mary
Albert, Clara
Bandell, Frances R.
Bateman, Elizabeth F.
Bedsworth, Mary
Bennett, Bertha J.
Bidlingmayer, Josephine
Bosley, Agnes A.
Boston, Martha A.
Carlile, Ida C.
Cathcart, Caroline B.
Chesney, Sophia
Corprew, Josephine
Crawford, Ella
Crozier, Florence A.
Cruse, Manetta I.
Dallam, Mary T.
Daniels, Julia P.
Eldridge, Eliza N.
Evans, S. Robertson
Francis, Annie B.
Grimes, Alice V.
Hackett, Emma C.
Hall, Virginia
Hancock, Clara A.
Healy, Mary
Heilner, Catharine
Henderson, Nellie F.
Hill, Marietta
Hubbard, Catharine
Hubbard, Elizabeth
Hunt, Lizzie L.
Hymes, Ida V.
Ives, Martha D.
Johnston, Helen
Jones, Sarah J.
Jones, Ida V.
Keefer, Lulu
King, Hester L.
Lloyd, Annie M.
Lynch, Georgianna
Mainster, Laura W.
Martin, Alice
McGrane, Frances
McNier, Estelle T.
Millar, Catharine L.
Nicolai, Charlotte E.
Oneil, Olivia C.
Parker, Annie J.
Pomplitz, Emma L.
Quinlan, Laura
Regester, Edith A.
Robinson, Sarah K.
Rodgers, Caroline
Rutter, Lauretta
Rusk, Ida I.
Scott, Elizabeth G.
Seidenstricker, Annie
Sheppard, Sarah F.
Simpson, Annie V.
Smith, Catharine B.
Spear, Amanda V.
Spear, Helen M.
Spencer, Sophia E.
Stribic, Jeannette
Strible, Mary
Taylor, Laura J.
Taylor, Blanche
Van Antwerp, Elizabeth
Vansant, Hanna E.
Weaver, Malinda
Whitworth, Mary E.
Williams, Catharine—74

FOURTH YEAR—K, L.

Allen, Isabella
Alton, Mary
Angell, Eliza W.
Andrews, Johanna
Baker, Margaret
Bandel, Emma
Baylies, Mary
Blessing, Lizzie
Booth, Mary
Buchheimer, Louisa N.
Burbage, Annie
Calder, Mary
Clarke, Margaret
Cline, Margaret
Coppuck, Alice
Coster, Dora A.
Cumming, Elizabeth
Cunningham, Martha
Frank, Sarah R.
Fuld, Fannie
Gambel, Emma L.
Gamble, Sarah K.
Gaston, Mary
Grabb, Ella
Greentree, Rebecca
Hall, Mary
Hamel, Ella V.
Heindle, Annie
Herpel, Annie M.
Hoblitzell, Lizzie
Hoffman, Clara
Hollins, Johanna
James, Eliza T.
Klinefelter, Anna
Kraft, Clara C.
Lang, Minna
Magers, Ella E.
Melis, Magalene
Paper, Anne A.
Perry, Sarah
Ray, Ella
Rickey, Amelia B.
Robinson, Emma
Rogers, Caroline
Schwab, Mary
Sherwood, Mary S.
Sinclair, Caroline
Smith, Mary E.
Thompson, Catharine E.
Vickers, Jeannette
Weil, Sarah F.
White, Virginia
Young, Susan I.
Younger, Ella—54.

GRADUATES—1874.

Bersch, Ella
Brennan, Anna
Brooks, Sophia
Bullock, Caroline
Cole, Mary
Creeney, Margaret
Cummings, Margaret
Davis, Ella
Dawson, Emma
Dungan, Mary
Emich, Kate
Frank, Laura
Gees, Mary
Gibney, Annie
Gilligan, Estelle
Gorton, Catharine
Hill, Nancy
Hoxar, Eudora
Hudgins, Mary
King, Frances
Kinneman, Frances
Langley, Mary
Lauer, Rachel
Lynch, Laura
Maydwell, Josephine
McPherson, Sarah
Mills, Catharine
Preiss, Marian
Price, Alice
Rosenblatt, Caroline
Sahm, Catharine
Southerland, Margaret
Thurlow, Emma
Bateman, Estelle
Rickets, Kate

REPORT OF THE PRINCIPAL

OF THE

WESTERN FEMALE HIGH SCHOOL,

WITH

Accompanying Papers,

FOR THE YEAR 1874.

COMMITTEE

ON THE

FEMALE HIGH SCHOOLS.

JOHN P. POE, Esq., *Chairman*,
GEO. L. HAMEL,
H. B. ROEMER,
JAS. A. HENDERSON,
T. J. MAGRUDER,
WM. M. IVES,
JOHN T. MORRIS, *President*.

FACULTY

OF THE

WESTERN FEMALE HIGH SCHOOL.

D. A. HOLLINGSHEAD, A. M., PRINCIPAL,
Astronomy, Chemistry, Mental Philosphy, Trigonometry, and Experiments in Natural Philosophy.

P. A. HARTMAN,
English Literature and Criticism, Rhetoric, Composition and Moral Philosophy.

S. S. RICE,
Elocution, English Analysis and Composition.

J. S. WILLIAMS,
Algebra and Composition.

EMMA COWMAN,
Physiology, Etymology, Composition.

H. C. ADAMS,
History, Rhetoric, Composition.

L. C. SAUMENIG,
Geometry, Writing, Book Keeping, Algebra.

I. HAMPSON,
Philosophy, Algebra, Etymology, Composition.

A. P. WISE,
Arithmetic.

L. D. BRIAN,
Grammar, Etymology, Composition.

E. J. DAVIS,
Drawing.

MADAME DUBREUIL and MADAME LECOURT,
French Language.

J. H. DEEMS,
Music.

TWENTY-SECOND

ANNUAL COMMENCEMENT

OF THE

WESTERN FEMALE HIGH SCHOOL,

FORD'S GRAND OPERA HOUSE,

WEDNESDAY, JULY 1, 1874.

GRADUATES.

ALICE ISABEL HANK.....1ST HONOR.
A. LILLIE WELTY.....2D "
MYRA E. LOVE.....3D "

Rosalia A. Price,	Helen Barnett,	Alice Biggs,
M. Agnes Durst,	M. Ella Myers,	Marian Symmes,
Bessie G. Thompson,	Blanche E. Pryor,	Belle Newman,
Mazie E. Knipp,	Stella Wood,	Lizzie Smyth,
Lizzie B. Neilson,	Maggie C. Clarke,	Mary Della,
Mary E. Holmes,	Lillie Browning,	Henrietta Reitz,
Maggie Offley,	Mary Cummings,	Verda McIlhenny,
Mary Huber,	Lizzie A. Macy,	Ida Long,
Virginia S. Irvin,	Belle Wade,	Mary Gosnell,
Virgie D. Cronin,	Mollie Cross,	Tillie Walker.
‡Nannie Williams,	Annie North,	

Although the young lady in the above list marked thus ‡ had a merit average placing her in the medal range, but having entered about the middle of her first year, she lacked one semi-annual average of a complete scholarship record, and, therefore, could not compete for a medal.

GRADUATES

RECEIVING PEABODY MEDALS.

FIRST GRADE.

ALICE I. HANK,
A. LILLIE WELTY,
MYRA E. LOVE,
ROSALIE A. PRICE,
M. AGNES DURST.

—:o:—

SECOND GRADE.

BESSIE G. THOMPSON,
MAZIE E. KNIPP,
LIZZIE B. NEILSON,
MARY E. HOLMES,
MAGGIE OFFLY,
MARY HUBER,
VIRGINIA S. IRVIN,
VIRGIE D. CRONIN,
BLANCHE E. PRYOR.

REPORT

OF THE

PRINCIPAL OF WESTERN FEMALE HIGH SCHOOL.

BALTIMORE, November 10, 1874.

To the Commissioners of Public Schools:

GENTLEMEN:

I herewith submit my report for the past year, being the twenty-ninth in the history of this institution.

The different departments of the school have received regular attention from the respective teachers; and, as a consequence, they are in their usually excellent working condition. The ruling desire seems to be to make each department equal in efficiency, a principle which all must commend; in fact it is the only one that can make any institution a success.

During no previous year have the pupils manifested greater respect for their teachers, or a more prompt conformity to the regulations bearing upon their intercourse with each other. Our twenty-second Annual Commencement was held in Ford's Grand Opera House, on the evening of the 1st of July, when the spacious building was filled to its utmost capacity by the friends of the graduates and others interested in Public Education. The exercises on the occasion seemed to give

general satisfaction. Hon. Joshua Vansant, Mayor, conferred the diplomas upon thirty-five young ladies who had satisfactorily completed their regular course of study, and whose names may be found on an accompanying paper.

Mr. Uhler, in behalf of the Peabody Committee, presented the usual Peabody Gold Medals, and Mr. George, President of the Maryland Institute, in like manner, tickets of free admission to its full course of lectures.

The annual examination of candidates for admission was held on the 6th and 7th of July, and as the result 136 passed the standard, but 159 were admitted; of these 145 presented themselves at the re-opening in September, and were assigned their proper places in school. Under special examinations, held since, six others were admitted to seats.

We received four pupils by transfer from the Eastern Female High School. Of our former pupils 260 returned to resume their studies. Our roll, therefore, was made up as follows:

Former pupils returned	260
Admitted under examinations	151
By transfer	4
Aggregate	415
Withdrawals on account of personal ill health, and other unavoidable causes	7
Leaving our number to date	408

No changes have been made, therefore, in our working schedule, except such as were necessary to meet the requisition of the Board, in re-establishing the study of the French Language in all the classes. Provision has not yet been made for the introduction of German, which was made an optional study by a recent action of your Board. The increased attention which we have given to the matter of composition, by making it a regular school exercise in addition to the composi-

tions required to be prepared out of school, has produced very satisfactory results.

In this connection it may not be out of place to express the conviction that has been forced upon me in many ways for years past, that there has generally been too much time spent in committing to memory Grammar rules and definitions, and too little actual practice in the application of the same in the formation of sentences. Too much Analysis, and too little Synthesis seems to me to have been the error of the past. As a proof of this, I have seen numerous instances in which pupils could analyze sentences well, and apply, in parsing, every rule of Grammar correctly, and converse on subjects with which they were familiar, quite intelligently, and yet would make gross errors if required to construct even simple sentences.

When composition has received little, if any, attention, until a period in the pupil's education, when one or more pages are necessarily made the requisition, I can conceive of no other study that gives so much trouble or anxiety of mind, with so little real advantage, especially to pupils who have no natural inclination to write compositions.

As a remedy for this evil I would suggest that composition be commenced simultaneously with writing, it matters not how early that may be. Of course, it must be understood that the pupil, at this period, is not to be shackled by Grammar rules, as such, but to be permitted to write in the most natural and simple manner.

At first the process may be slow, but as the pupils advance their interest will increase, and even before all the rules of Grammar are committed to memory, a considerable facility in writing composition will be attained. After which, it seems to me, the rules of Grammar and Rhetoric will be applied with greater facility in giving form and smoothness to extended composition.

I have in previous reports called attention to the fact, that though our building is spacious, still there is not a sufficient class-room accommodation, and that only by the purchase of the adjoining building, now vacant, can our wants in this respect be supplied. Since the extension of the French, and the contemplated introduction of German, how much more imperatively is the purchase demanded in order that every department may have equal facilities and thus render the working of the school in the highest degree effective!

I must again renew my application for an additional supply of Philosophical and Chemical Apparatus. The necessity is so urgent that I really hope it may be the pleasure of the Board, at an early date, to respond to a request made so frequently and for the benefit of the hundreds of pupils, who have by their diligence, gained access to a more advanced course of instruction.

To the members of the High School Committee we tender our sincere thanks, for the deep interest which they have ever manifested in whatever seemed calculated to increase the usefulness of the institution.

The entire Board and its officers merit our kindest regards for their courtesy in all our official relations.

For such other facts and statistics as may be desired, you are referred to the accompanying papers.

I shall now close my report by expressing the hope, that the same Almighty Being that sways the destinies of nations, as well as provides for the recurring wants of the most insignificant of His creatures, may still vouchsafe His loving kindness in the future as He has in the past, until the institution shall have accomplished the great work for which it was established.

Very truly yours, etc.,

D. A. HOLLINGSHEAD.

NAMES

Of Pupils admitted to Western Female High School, from Female Grammar Schools, at the Examination held June 30 *and July* 1, 1874.

FEMALE GRAMMAR SCHOOL No. 1.

Carrie Brownold, Pauline Brownold, Bertie Brown, Louisa Darby, Ellen George, Dora Guggenheimer, Lida Hobbs, Bertha Hartman, Alice Hecht, Hattie Hopkins, Belle Godfrey, Nina Godfrey, Ella Jordan, Amelia Knipp, Estelle Keller, Bertha Lieblich, Emily Lawrence, Carrie Munder, Rosa McKnew, Mattie Matthai, Nannie Putzel, Mamie Proctor, Bertha Rodenmayer, Cordelia Robbins, Fannie Ryan, Clara Shane, Melina Swancoat, Annie Shaffer, Mamie Slater, Florence Wade, Flora White, Gertrude Lander.

FEMALE GRAMMAR SCHOOL No. 4.

Mary V. Bayne, Lizzie Bayles, Kate Chickering, Sarah Frank, Inez Hurley, Mary Murray, Margery Newman, Annie Philips, Emma Porter, Mary Redgrave, Clara Robinson, Alice Rundle, Sallie Swindell, Annie Wilson.

FEMALE GRAMMAR SCHOOL No. 6.

Clara Albaugh, Frank Ardin, Mary Cameron, Katie Dodd, Mollie Delphy, Anna Forsyth, Sophia Graham, Isabella Gallagher, Ida Hayre, May S. Pole, Rachel Lehman, Anna Quick, Isabella Stone, Ida Strasbaugh, Tina Todhunter, Sarah Taylor, Annie Willson, Annie Wheeler, Estelle R. Moore.

FEMALE GRAMMAR SCHOOL No. 8.

Lillie Burton, Mattie Bissell, Kate Bordley, Lizzie Fairbank, Sallie Hellen, Kate Keach, Florence Kronan, Kate Miller, Alice Murphy, Kate Pearson, Fannie Pray, Birdie Reed, Alice Ryan, Lillie Taylor, Jennie Wartman, Kate Gemundt, Cora Seybert.

FEMALE GRAMMAR SCHOOL No. 10.

Elizabeth C. Butler, Janie Dryden, Mary Fisher, Clara Langdon, Blanche Matthews, Mary Norfolk, Katie Travers, Mollie Thomas, Mary Tucker, Annie Whelthe.

FEMALE GRAMMAR SCHOOL No. 12.

Belle Billings, Mary Cook, Sophia Foard, Louisa Langeluttig, Alice Riley, Mary V. Scott, Nellie Watkins, Ella Whittaker.

FEMALE GRAMMAR SCHOOL No. 15.

Carrie Cone, Olive George, Mary Grasty, Annie Roberts, Lizzie Smith, Clara Snowden, Sophie Stiefel, Carrie Thomas, Julia Van Meter, Ella Wagner, Lillian Waters, Cora Walker, Minnie Turner.

FEMALE GRAMMAR SCHOOL No. 18.

Belle Adams, Blanche Corkran, Meta Focke, Jennie Gilmer, Mary McMullen, Lulu Richards, Julia Richards, Eliza Robinson, Belle Smiley, Mamie Tilghman, Lily Winsett, Jennie White.

FEMALE GRAMMAR SCHOOL No. 19.

Susie Bansemer, Bessie Bansemer, Kate Coffay, Laura Conley, Ella Downing, Vernie Fielemyer, Fannie Haynes, Helen Hyland, Emma Harshberger, Alice Johnson, Maggie Millikin, Sallie Martin, Viola Moore, Mollie Merceron, Sophie Orrick, Augusta Peirce, Emma Ransom, Helen Stevens, Martha Stein, Carrie Spice, Sallie Vandaniker, Claribel Wright.

FEMALE GRAMMAR SCHOOL No. 21.

Ada Boardman, Clara Bankard, E. R. Christopher, Bessie Duvall, Mary France, Olive Macy, Lizzie Pouder, Ada Post, Cora Pettit, Sadie Robbins, Florence Scott, Mabel Schmidt, Edith Scott.

SUMMARY

Of Annual Examination held July 6th and 7th, 1874.

GRAMMAR SCHOOLS.	Examined.	Passed.	Admitted.	Failed.
No. 1	32	28	31	1
" 4	14	13	14	0
" 6	22	18	19	3
" 8	18	11	17	1
" 10	15	7	10	5
" 12	8	8	8	0
" 15	13	11	13	0
" 18	13	9	12	1
" 19	25	20	22	3
" 21	13	11	13	0
Private Schools	12	6	6	6
Total	185	142	165	20

STATEMENT

Of the Number of Candidates for the Western Female High School Examined, Passed and Admitted, from 1864 *to* 1874, *inclusive.*

From Grammar and Private Schools.	1864.			1865.			1866.			1867.			1868.			1869.			1870.			1871.			1872.			1873.			1874.		
	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.	Examined.	Passed.	Admitted.
No. 1	47	46	46	48	47	47	55	50	49	61	54	61	51	48	51	45	44	45	52	39	41	43	28	41	46	44	44	40	24	37	32	28	31
" 4	18	18	18	15	15	15	12	12	12	13	13	13	24	23	24	18	18	18	19	17	19	12	10	12	10	6	10	11	9	11	14	13	14
" 6	34	32	33	26	24	24	39	34	34	34	27	32	43	38	43	26	26	26	17	8	16	29	18	29	18	6	18	23	20	23	22	18	19
" 8	22	19	19	21	19	19	22	16	16	34	29	34	25	19	23	24	23	23	32	16	25	24	13	20	23	7	22	23	5	22	18	11	17
" 9	...	...	...	8	7	7	4	3	3	6	6	6	13	11	13	15	15	15	...	...	...	...	...	...	5	1	5	...	...	...	...	...	...
" 10	11	9	9	14	11	11	25	22	22	32	17	32	17	16	17	18	18	18	21	17	21	19	8	18	12	4	5	12	8	12	15	7	10
" 12	20	16	16	17	14	14	10	7	7	13	13	13	13	13	13	10	10	10	11	10	11	10	6	10	12	3	11	8	7	8	8	8	8
" 15	4	4	4	13	13	13	5	5	5	21	21	21	13	9	13	15	15	15	5	5	5	17	12	17	19	4	19	21	9	20	13	11	13
" 18	...	...	...	...	...	...	...	...	...	...	...	...	5	3	5	11	6	6	12	9	11	10	9	10	12	7	12	20	14	20	13	9	12
" 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5	5	22	15	8	17	8	16	19	5	14	20	11	20	25	20	22
" 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	3	5	1	5	12	11	12	13	11	13
Private Schools	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	6	9	10	3	5	20	6	12	18	2	9	12	6	6

RECITATIONS

OF THE

WESTERN FEMALE HIGH SCHOOL.

RECITATIONS HEARD EACH WEEK BY THE DIFFERENT TEACHERS.

PROF. HOLLINGSHEAD—Astronomy, 6 times, twice double classes; Chemistry, 4 times, double classes; Mental Philosophy, 4; Experiments in Natural Philosophy, 2; Trigonometry, 2.....18

MISS HARTMAN—Rhetoric, 13 times; Moral Philosophy, 3; English Literature, 4; Composition, 1; Ex. Written Composition, 4.....25

MISS RICE—Elocution, 13 times; Grammar, 2; English Analysis, 4; Composition, 2; Examination of Composition, 4.....25

MISS WILLIAMS—Algebra, 22 times; Composition, 1; Examination of Compositions, 2.....25

MISS COWMAN—Physiology, 16; Etymology, 2; Composition, 3; Examination of Compositions, 4.....25

MISS ADAMS—History, 20; Rhetoric, 3; Examination of Composition, 2.....25

MISS SAUMENIG—Writing, 8 times; Book-keeping, 4; Geometry, 8; Recording, 2; Examining Specimens, 1; Algebra, 2.....25

MISS HAMPSON—Philosophy, 16 times; Etymology, 2; Algebra, 2; Composition, 2; Examining Composition, 3.....25

MISS WISE—Arithmetic, 24 times; blank, 1.....25

MISS DAVIS—Drawing, 24 times; blank, 1.....25

MADAM DUBRIEUL—French, 12 times.....12

MADAM LECOURT—French, 12 times.....12

PROF. DEEMS—Music, 10 times.....10

CLASS RECITATIONS.

RECITATIONS MADE EACH WEEK BY THE DIFFERENT CLASSES.

L_1 AND L^2—Mental and Moral Philosophy, each 2 times; English Literature, 2; Elocution, 1; Geometry, 1; Trigonometry, 1; French, 2; Drawing, 2; Music, 2; Arithmetic Reviewed, 2; Composition, 1; Chemistry, 2; Astronomy, 2; Book-keeping, 2; Grammar Reviewed, 1.....25

I AND K—English Analysis, 2; Rhetoric, 2 · Elocution, 2; History, 2; Chemistry, 2; Astronomy, 2; Algebra, 3; Geometry, 3; French, 2; Drawing, 2; Music, 2, Composition, 1.....25

E, F, G AND H—English Analysis, 2; Elocution, 1; Rhetoric, 3; History, 3; Physiology, 2; Philosophy, 3; Algebra, 3; Arithmetic, 2; French, 2; Drawing, 2; Music, 2.....25

A, B, C AND D—Etymology, 2; History, 2; Writing, 2; Philosophy, 2; Physiology, 2; Elocution, 1; Grammar, 2; Arithmetic, 3; French, 2; Drawing, 2; Music, 2; Composition, 1; Algebra, 2.....25

TABLE,

Containing the Number of Pupils Examined, Passed, Admitted, &c., each year since 1864.

Year Examined.	No. Examined.	No. Admitted.	No. Entered.	Continued to 2d year.	Continued to 3d year.	Continued to 4th year.	Graduated.	Failed.	Date of Graduation.
1864	156	145	136	106	68	46	39	0	1868
1865	163	148	146	106	77	62	57	0	1869
1866	171	156	136	103	65	59	48	0	1870
1867	214	180	174	147	96	84	76	1	1871
1868	204	202	193	138	100	66	55	0	1872
1869	188	181	168	135	103	68	57	0	1873
1870	191	171	164	118	80	58	35	7	1874
1871	194	183	182	113	74	58	.....	.....	.....
1872	202	177	168	114	74	.....	.....	.....	.....
1873	208	194	192	127	.....	.....	.....	.....	.....
1874	185	159	151	.....	.....	.....	.....	.....	.....

CATALOGUE

OF THE

PUPILS OF THE WESTERN FEMALE HIGH SCHOOL,

For the Academic Year, Commencing September 7th, 1874.

GRADUATES.

FOURTH YEAR.—56.

Albaugh, Lillie
Bansemer, Ella
Baker, Carrie
Beatty, Mary
Barnett, Estelle
Bond, Lizzie
Brannan, Fannie
Brundige, Flora
Butcher, Fannie
Campbell, Lillie
Chaney, Josie
Clark, Bettie
Clark, Lizzie
Cook, Carrie
Coulson, Maggie
Dougherty, Carrie
Drought, Alice
Drought, Emma
Franklin, Diana
Haen, Martha
Hardester, Mary
Hess, Martha,
Hiss, Eliza
Hiss, Lucy
Holden, Ida
Hobbs, Mollie
Johnson, Mary
Jones, Carrie
Kenneally, Mollie
Kent, Mollie
Kerr, Parthenia
Lewis, Emma
Lisle, Alice
Maidlow, Kate
Marriott, Florentine
Massey, Ida
McGee, Mamie
Merritt, Sallie
Mitchell, Ida
Nimmo, Freddie
O'Brien, Nora
Potts, Amanda
Ransom, Eva
Ray, Lizzie
Robinson, Ida
Robbins, Theodosia
Rowan, Annie
Ryan, Mollie
Sanders, Annie
Shane, Tillie
Simpson, Maggie
Sumwalt, Sallie
Wagner, Gussie
Webster, Annie
Welch, Lillie
Wirth, Mary

THIRD YEAR.—72.

Adler, Martha
Auld, Kate
Baxter, Annie
Biddison, Maggie
Blizzard, Kate
Bridener, Katie
Bushman, Louisa
Chapman, Loulie
Chappell, Louisa
Cherry, Loulie
Clarke, Sadie
Clarkson, Kate
Cline, Addie
Cobb, Emma
Cowman, Ida
Delphy, Maggie
Easter, Nettie
Ely, Florence
Fickenscher, Louisa
Fillinger, Mary
Gantt, Mary
Gees, Florence
Goldy, Laura
Gosnell, Nannie
Grammer, Tillie
Griffiss, Blanche
Guy, Juliet
Gwynn, Grace
Hampson, Olivia
Hickman, Leila
Houck, Bettie
Kalkman, May
Keener, Helen
King, Kate
Konze, Lucy
Krager, Josie
Ledley, Nannie
Lewis, Kate
London, Emma
Lynde, Julia
Mallon, Annie
Maris, Mattie
Marsden, Jane
Miller, Belle
Miller, Riza
Nelson, Cora
Preiss, Fannie
Roche, Flora
Rogers, Maria
Rosenberger, Mary
Selby, Miram
Sheets, Ella
Steiger, Kate
Stewart, Alice
Stewart, Sarah,
Tarman, Lina
Townsend, Cora
Tonge, Kate
Uthman, Loulie
Wagner, Clara
Walker, Ida
Warfield, Annie
Waterhouse, Julia
Wheeler, Belle
White, Annie
Wolf, Martha
Woods, Mamie
Woolston, Etta
White, Clara
Wellham, Laura
Wilson, Lizzie
Yeatman, Laura

SECOND YEAR.—121.

Baker, Lydia
Bankard, Delia
Baughman, Alice
Barrett, Lizzie
Bealmear, Lizzie
Beaufort, Retta
Becker, Louisa
Berry, Lucy
Bird, Fannie
Blades, Sadie
Boyd, Lottie
Browning, Annie
Cameron, Jennie
Carson, Mattie
Carr, Katie
Caspari Louisa
Cassell, Mary
Chesaldine, Mary
Cromwell, Katie
Davidson, Florence
Davis, Florence
Davis, Alva
Davis, Amelia
Dawes, Agnes
Detrick, Lillie
DeWitt, Belle
Dobler, Bettie
Dorsey, Edith
Douty, Nannie
Dozier, Fannie
Edmondson, Carrie
Eichelberger, Irine
Fawcett, Maggie
Field, Addie
Ford, Jannie
Garitee Lizzie
Geddess Emily
George, Sadie
George, Imo
Goodwin, Nellie
Greer, Edith
Griffiss, Grace
Grim, Lavinia
Guest, Emma
Haddaway, Lizzie
Harbaugh, Hattie
Heidelberg, Henrietta
Hobbs, Georgia
Hoblitzell, Vara
Hodges, Fannie
Hutchinson, Irene
Hunt, Martha
Johns, Nannie
Jones, Kate
Jordan, Laura
Jump, Cora
Kaltenbach, Viola
Keach, May
Keene, Emma
Leeson, Ella
Ledley, Alice
Loane, Annie
Lowenbach, Sallie
LeCate, Bettie
Markel, Alice
Meyer, Tillie
Maurer, Louisa
McBride, Sallie
Macy, Susie
May, Luella
McKee, Jennie
McVeigh, Kate
Melson, Maggie
Morse, Rosa
Nichols, Alice
Nichols, Annie
Oettinger, Belle
Oursler, Annie
Owens, Hettie
Parker, Belle
Patterson, Ella
Pennington, Lillie
Rayfield, Eva
Roberts, Annie
Ruegg, Carrie
Sewell, Jessie
Shelton, Laura
Shipley, Lulie
Shipley, Virginia
Shipley, Marian
Skinner, Mattie
Slothower, Lillie
Smyth, Bessie
Snyder, Clara
Snyder, Carrie
Sondershoff, Antoine
Spedden, Jennie
Spencer, Ada
Stebbins, Hattie
Sumwalt, Carrie
Stran, Ella
Szold, Henrietta
Taylor, Katie
Thomas, Fannie
Thomas, Ida
Thornton, Edith
Trainor, Sadie
Travers, Susie
Toft, Alice
Volk, Lizzie
Wade, Susie
Wagner, Clara
Warner, Della
Ways, Julia
Weatherby, Nannie
Wilson, Josephine
Wilber, Clara
Windsor, Bessie
Wolf, Ella
Zerwick, Edith
Zerwick, Mary

FIRST YEAR.—159.

Adams, Belle
Ardin, Frank
Bankard, Clara
Bansemer, Bessie
Bansemer, Susie
Bayles, Lizzie
Bayne, Mary
Billings, Belle
Bissell, Mattie
Boardman, Ada
Bordley, Kate
Brown, Bertie
Brownold, Carrie
Brownold, Pauline
Burton, Lillie
Butler, Lizzie
Cameron, Mary
Chickering, Kate
Coleman, Ellen
Cone, Carrie
Cook, Mary
Corkran, Blanche
Darby Lulie
Dashiell, Loulie
Delphy, Mollie
Dodd, Kate
Downing, Ella
Dryden, Virginia
Duvall, Bessie
Earickson, Louisa
Fairbank, Lizzie
Fieldmeyer, Vernie
Fisher, Mamie
Foard, Sophia
Focke, Meta
France, Mary
Frank, Sarah
Gallagher, Belle
Gemundt, Kate
George, Ella
Hiss, Bessie
Hobbs, Lida
Hopkins, Hattie
House, Annie
Hurley, Inez
Johnson, Alice
Jordan, Eila
Keach, Kate
Keller, Estelle
King, Luella
Kirwin, Laura
Knipp, Amelia
Kronau, Florence
Lander, Gertrude
Lawrence, Emily
Lehman, Rachel
Lieblich, Bertha
Magruder, Laura
Martin Sallie
Matthai, Mattie
Matthews, Blanche
Merceron, Mollie
Miller, Katie
Miller, Jennie
Milliken, Maggie
Moore, Estelle
Moore, Viola
Munder, Carrie
Murphy, Alice
Murray, Mary
McKnew, Rosie
McMullen, Maggie
Newman, Margery
Norfolk, Mary
Orrick, Sophie
Pray, Fannie
Pearson, Katie
Pettit, Cora
Philips, Annie
Pierce, Augusta
Robinson, Clara
Robinson, Lida
Rodenmayer, Bertha
Ryan, Alice
Ryan, Fannie
Schaffer, Annie
Scott, Edith
Scott, Ida
Scott, Mary
Seybert, Cora
Simmons, Sarah
Shane, Clara
Slater, Mary
Smiley, Belle
Smith, Lizzie
Smith, Mabel
Snowden, Clara
Spice, Carrie
Stein, Martha
Stembler, Mary
Stevens, Helen
Stone, Isabel
Strasbaugh, Ida
Swindell, Sallie
Taylor, Glennie
Taylor, Lily
Thomas, Carrie
Thomas, Mollie
Thornton, Nora
Tilghman, Mamie
Todhunter, Albertina
Travers, Kate
Tucker, Mary
Turner, Minnie
Vandaniker, Sarah
Vanmeter, Julia
Wade, Florence
Wagner, Ella
Walker, Cora
Waters, Lily

FIRST YEAR—Concluded.

George, Olive
Gilmyer, Jennie
Godfrey, Belle
Godfrey, Nina
Golder, Lizzie
Graham, Sophie
Grasty, Mary
Greenfield, Jennie
Guggenheimer, Dora
Hank, Lucy
Hartman, Bertha
Hecht, Alice
Hellen, Sallie
Pole, Sudie
Porter, Emma
Post, Ada
Pouder, Lizzie
Proctor, Mamie
Putzel, Nannie
Quick, Annie
Ransom, Emma
Redgrave, Mary
Richards, Julia
Riley, Alice
Robbins, Sadie
Roberts, Annie
Watkins, Nellie
Wartman, Jennie
Watson, Willie
Weedon, Lulie
Wheeler, Annie
Whelthe, Annie
Whitaker, Ella
White, Flora
Wilson, Annie
Wilson, Carrie
Willson, Annie
Winsett, Lily
Wright, Clara

SUMMARY.

FOURTH YEAR PUPILS	56
THIRD " "	72
SECOND " "	121
FIRST " "	159
AGGREGATE	408

GRAMMAR SCHOOL GRADES.

FIFTH GRADE.

Spelling—To page 20 inclusive.

Reading—3d Reader. Careful attention must be given to enunciation, pronunciation, punctuation, and definitions of words in the lessons. Examination in Reading. Read daily.

W. Arithmetic—Prime and Composite Numbers, Prime Factors, Cancellation, Greatest Common Divisor and Least Common Multiple.

Definitions—As far as page 74.

Geography—Cornell's Primary, to page 35 inclusive. Exercises on maps within the grade.

Mental Arithmetic—Quackenbos' Mental Arithmetic, to page 38.

Grammar—Oral instruction on the Noun, Adjective, and Simple Personal Pronouns.

Penmanship—Small letters of No. 3.

Drawing and Music—As provided for the grade.

FOURTH GRADE.

Spelling—To page 40 inclusive.

Reading—4th Reader, with exercises as in the Fifth Grade. Examination in Reading. Read daily.

W. Arithmetic—From 74 to 99 inclusive.

M. Arithmetic—From section 16 to section 34 inclusive.

Definitions—As far as Written Arithmetic.

Geography—Cornell's Primary, from page 74 to page 97 inclusive.

Drawing and Music—As provided for the grade.

Grammar—To page 28 inclusive, Parsing the Noun, Article, Proper and Common Adjectives, Simple Personal Pronouns, and Verb—without mode.

Penmanship—Letters containing the 7th principle, and the same principle incorporated into words.

Review preceding grade.

THIRD GRADE.

Spelling—To page 60 inclusive.

Reading—4th Reader. Examination in Reading. Read daily.

Geography—To page 26. Cornell's Intermediate, with exercises on the maps.

W. Arithmetic—From page 100 to 140 inclusive, omitting circulating decimals.

Definitions—As far as Written Arithmetic.

M. Arithmetic—From section 35 to section 44 inclusive.

Grammar—Large print from page 34 to 100 inclusive, and parse selections from the book.

Penmanship—Letters containing the 8th and 9th principles and their accompanying words.

Music and Drawing—As provided for the grade.

Review preceding grade.

SECOND GRADE.

Spelling—To page 80 inclusive.

Reading—5th Reader. Read three times a week.

Geography—To page 53 inclusive, omitting lessons 28, 29, 30, 32, 33, 34, 35, 37, 38, 39, 40, 42, 43, 44, 45, 61, 63, 64, 65, 66. Teach the text of the Descriptive Geography, by using it as a reading lesson.

W. Arithmetic—From page 141 to section 304, omitting Longitude and Time.

Definitions—As far as Written Arithmetic.

Grammar—From page 34 to 100, reviewing the large print and including the small print. Parse selections from the book.

M. Arithmetic—From page 81 to page 100, section 60, omitting the Metric system.

Algebra—First four rules to page 46, section 80.

Definitions in Algebra—To page 46, section 8.

Penmanship—First Half of No. 4.

Music and Drawing—As provided for the grade.

Review preceding grade.

FIRST GRADE.

Spelling—From page 81 to page 98 inclusive, and from section 257 to 290 inclusive.

Reading—6th Reader or United States History, twice a week.

Geography—First nine lessons; also lessons 14, 20, 21, 27, 31, 36, 41, 46, 47, 67, 76, 77, 78, 79, 80, 81, 82, 83, 92, 93, 100, 109, 115, 122, 123, 124, 125, and the map of Maryland with questions.

Grammar—From page 101 to page 146, with review and general parsing.

W. Arithmetic—Teach sections 305, 306, and the following subjects: Duodecimals, Percentage, Profit and Loss, Interest, Compound Interest, Discount, Bank Discount, Commission, Stocks, Insurance, Duties, Simple and Compound Proportions and Analysis.

Principals, at their option, may teach other subjects in the Arithmetic; but those designated should be first thoroughly taught.

M. Arithmetic—To correspond with Written Arithmetic.

Definitions—As far as Written Arithmetic.

Algebra—Through Simple Equations, involving three unknown quantities, to page 134.

Definitions in Algebra—To page 134.

Penmanship—Second Half of No. 4.

Book-keeping—To be taught during the time allowed for Music.

Composition—To be written once every two weeks.

Drawing—As prescribed for the grade.

Review.

Grades for Female Grammar Schools.

The 5th, 4th, 3d and 2d Grades are the same, except Algebra, as in the Male Grammar Schools.

In the 1st Grade teach sections 305, 306, and the following subjects: Percentage, Profit and Loss, Interest (Simple and Compound), Bank Discount, Proportion and Analysis.

The balance of the 1st Grade is the same as in Male Grammar Schools, excepting Algebra and Book-keeping.

N. B.—Give full instruction on all work that is to be prepared at home, and make the amount of home-work as small in quantity as possible; and remember, also, that teachers should not impose upon parents what they may be either unwilling or unable to do. Teach Reading carefully. Class examinations in Penmanship, Music, Drawing and Reading semi-annually.

Class papers must be sent to the Superintendent's office for inspection. Require a short composition from each pupil in the First Class every two weeks. Divide the class into two sections, so that the first section shall write one week and the second section the following week. The Composition should be first written upon a half-sheet of letter paper, and, after corrections are made, re-written in a Composition Book.

About 15 lines, with 5 words to the line, making 75 words, will be sufficient. Be particular with the Spelling, Capitalizing and Punctuation. Teach the form of letter-writing, including the proper heading or date, address, introduction, body of letter, subscription and superscription. Teach form for note of invitation and reply; for letter of introduction; newspaper paragraphs, called "locals;" and for a business composition, viz: a bill.

These directions on Composition are of a general character, and can be changed by the teacher, who may require a Composition more frequently than is specified.

A Text Book on Composition will be procured as soon as possible. In the meantime teachers are referred to well-known Text Books within their reach.

The requisitions for admission to High Schools and City College are the same as last year, including Composition and Reading.

GRADES FOR PRIMARY SCHOOLS.

FIFTH GRADE.

Alphabet Class—Alphabet from black-board or chart. Print letters. Count to 100. Count by twos to 100. Write numbers and call them at sight as far as 100. Roman numbers to X. Addition table to 100. Names of common objects.

Primer Class—Spelling and reading from black-board, and from 1st half of 1st Reader. Roman numbers I, V, and X, with their combinations to XL. Count by ones, twos and threes to 100. Teach the use of the period. Forms—square, oblong, triangle.

Terms—Straight, crooked, square corner, sharp corner, blunt corner. round corner. Add in columns of two figures five, six and seven lines. Read numbers as far as 500.

Vocal Music—As prescribed for the grade.

Numeration—Through one period.

Penmanship—Elements and principles of small letters.

FOURTH GRADE.

Spelling Book Commenced—Words of one syllable.

Reading—2d half of 1st Reader and review.

Numbers—Read and write numbers of three figures. Roman numbers I, V, X, L, C, and their combinations to 100.

Numeration—To millions.

Arithmetic—Add in columns of five figures five, six, seven and eight lines.

Mental Arithmetic—Add by threes, fours, fives, sixes and sevens.

Penmanship—Slate Work—13 short letters.

Forms—Add to the 5th Grade, the circle, semi-circle, crescent, oval, sphere, hemi-sphere, spiral and wave lines. Position of lines, slanting, horizontal and vertical.

Punctuation—Teach the names of the comma, semi-colon, colon, and period.

Music—As prescribed for the grade.

Drawing—Use slates.

THIRD GRADE.

Spelling—Words of two syllables to page 50 inclusive.

Reading—2d Reader to page 64.

Numbers—Roman numbers through C, D and M, and review.

Arithmetic—Numeration through nine places, and the writing of numbers containing nine figures. Addition, Subtraction and Multiplication by one figure. In Addition, use five and six figures in eight and ten lines. In Subtraction, use small examples and make the operation well understood.

Mental Arithmetic—Addition and Subtraction. Adding any single number to any double number less than fifty. Subtracting any single number from any double number less than fifty.

Penmanship—Slate Work—Stem and loop letters.

Punctuation—Continue the 4th grade instruction.

Multiplication—Table through 9x12.

Forms—Parallel lines, perpendicular, circumference, diameter and review.

Music—As prescribed.

Drawing—Use slates.

SECOND GRADE.

Spelling—Words of two syllables to page 64 inclusive, and review.

Reading—Finish 2d Reader.

Numbers—Roman numbers reviewed.

Arithmetic—Through subtraction, multiplication, and division by one figure. Numeration to trillions, and read and write any number in ten places of figures.

Mental Arithmetic—In subtraction, multiplication and short division.

Penmanship—No. 1 copy book.

Drawing—Use slates and cards.

Numeration—Reviewed and practice continued.

Multiplication Table—Through 12x12.

Music—As prescribed for the grade.

FIRST GRADE.

Spelling—From page 65 to page 88. Also on slate from dictation.

Reading—3d Reader to page 119.

Numbers—Roman numbers reviewed.

Mental Arithmetic—In multiplication and division.

Written Arithmetic—Numeration, addition, subtraction, multiplication, short division, and long division, with four figures for a divisor.

Penmanship—No. 2 copy book.

Music—As prescribed.

Drawing—Use slates and cards.

Geography—Teach the definitions relating to the forms of land and water from the maps in the book. Use the book open in the hand of the pupil for instruction, and give thorough explanation on every lesson. Remember that teaching and not the hearing of lessons, is the business of the teacher. Give a language-lesson every day.

N. B.—There must not be given any lessons for home-preparation.

Examination suited to the grades in Penmanship, Music and Drawing semi-annually.

SCHEDULE OF VISITS

FOR THE

TEACHERS OF MUSIC IN THE EASTERN DISTRICT.

EASTERN FEMALE HIGH SCHOOL AND EASTERN PRIMARIES.

Wednesday and Friday at Eastern Female High School.

FIRST WEEK.

Male and Female,	No. 13	Monday	A.	M.
" "	No. 20	"	P.	M.
" "	No. 2	Tuesday	A.	M.
" "	No. 7	"	P.	M.
" "	No. 3	Thursday	A.	M.
" "	No. 6	"	P.	M.

SECOND WEEK.

Male and Female,	No. 25	Monday	A.	M.
" "	No. 27	"	P.	M.
" "	No. 5	Tuesday	A.	M.
" "	No. 8	"	P.	M.
" "	No. 23	Thursday	A.	M.
" "	No. 26	"	P.	M.

GRAMMAR SCHOOL SCHEDULE.

Male and Female,	No. 2	Monday	A.	M.
" "	Nos. 7 and 32	"	P.	M.
" "	No. 5	Tuesday	A.	M.
" "	No. 20	"	P.	M.
" "	No. 11	Wednesday	A.	M.
" "	No. 3	"	P.	M.
" "	No. 14	Thursday	A.	M.
"	No. 16	"	P.	M.
" "	No. 17	Friday	A.	M.
" "	No. 13	"	P.	M.

SCHEDULE OF VISITS

FOR THE

TEACHERS OF MUSIC in the WESTERN DISTRICT.

WESTERN FEMALE HIGH SCHOOL AND WESTERN PRIMARIES

Tuesday and Friday at Western Female High School.

FIRST WEEK.

Male and Female,	No. 18	Monday	A.	M.
" "	No. 29	"	P.	M.
" "	No. 1	Wednesday	A.	M.
" "	No. 17	"	P.	M.
" "	No. 30	Thursday	A.	M.
" "	No. 28	"	P.	M.

SECOND WEEK.

Male and Female,	No. 12	Monday	A.	M.
" "	No. 19	"	P.	M.
" "	No. 21	Wednesday	A.	M.
" "	No. 10	"	P.	M.
" "	No. 11	Thursday	A.	M.
" "	No. 9	"	P.	M.

GRAMMAR SCHOOL SCHEDULE.

Male and Female	No. 1	Monday	A.	M.
" "	No. 9	"	P.	M.
" "	No. 4	Tuesday	A.	M.
" "	No. 6	"	P.	M.
" "	No. 10	Wednesday	A.	M.
" "	No. 18	"	P.	M.
" "	No. 15	Thursday	A.	M.
" "	No. 12	"	P.	M.
" "	No. 8	Friday	A.	M.
" "	No. 19	"	P.	M.

SCHEDULE OF VISITS

FOR THE

TEACHERS OF MUSIC TO COLORED SCHOOLS

AND WHITE PRIMARIES.

FIRST WEEK.

Colored Grammar	No. 1		Monday,	A. M.
Male and Female Colored	No. 1		"	P. M.
" " "	No. 2		Tuesday,	A. M.
" " "	No. 3		"	P. M.
" " "	No. 4		Wednesday,	A. M.
" " "	No. 5		"	P. M.
" " "	No. 7		Thursday,	A. M.
" " Primary	No. 14	WHITE.	"	P. M.
" " "	No. 15	WHITE.	Friday,	A. M.
" " "	No. 4	WHITE.	"	P. M.

SECOND WEEK.

For White Primary Schools.

Male and Female	No. 22	Thursday,	P. M.
" "	No. 16	Friday,	A. M.
" "	No. 33	"	P. M.

PRIMARY SCHOOLS.

SCHEDULE OF VISITS FOR THE DRAWING TEACHERS.

EASTERN DISTRICT.

MISS OLIVIA F. KEACH, TEACHER.

Male and Female Primary	No. 3	Monday,	A. M
" " "	No. 2	"	P. M.
" " "	No. 6	Tuesday,	A. M.
Male Grammar	No. 16	"	P. M.
Male Primary	No. 13	Wednesday,	A. M.
Male and Female Primary	No. 20	Thursday,	A. M.
Female Primary	No. 13	"	P. M.
Male Primary	No. 7	Friday,	A. M.
Female Primary	No. 7	"	P. M.

MISS MATILDA MULLIN, TEACHER.

Male and Female Primary	No. 5	Monday,	A. M.
" " "	No. 8	"	P. M.
" " "	No. 16	Tuesday,	A. M.
" " "	No. 23	"	P. M.
" " "	No. 25	Wednesday,	P. M.
" " "	No. 26	Thursday,	A. M.
" " "	No. 27	"	P. M.
Female Primary	No. 32 and Gram. No. 7	Friday,	A. M.

PRIMARY SCHOOLS.

SCHEDULE OF VISITS FOR THE DRAWING TEACHERS.

WESTERN DISTRICT.

MISS B. M MAKIBBIN, Teacher.

Male and Female Primary	No. 17	Monday,	A. M.
" " "	No. 4	"	P. M.
Male Primary	No. 15	Tuesday,	A. M.
" "	No. 1	"	P. M.
Female Primary	No. 30	Wednesday,	A. M.
" "	No. 15	"	P. M.
Male and Female Primary	No. 21	Thursday,	A. M.
" " "	No. 18	"	P. M.
" " "	No. 28	Friday,	A. M.
" " "	No. 29	"	P. M.

MISS ISABEL E. COULSON, Teacher.

Male and Female Primary	No. 9	Monday,	A. M.
" " "	No. 10	"	P. M.
" " "	No. 11	Tuesday,	A. M.
" " "	No. 12	"	P. M.
" " "	No. 14	Wednesday,	A. M.
" " "	No. 19	"	P. M.
" " "	No. 22	Thursday,	A. M.
Female Primary	No. 33	"	P. M.
Male Primary	No. 30	Friday,	A. M.
Female Primary	No. 1	"	P. M.

GRAMMAR SCHOOLS.

SCHEDULE OF VISITS FOR THE DRAWING TEACHERS.

EASTERN DISTRICT.

MISS JOSEPHINE LOUGH, Teacher.

Male and Female Grammar	No. 17	Monday,	A. M.
" " "	No. 13	"	P. M.
Male Grammar	No. 2	Tuesday,	A. M.
Male and Female "	No. 3	"	P. M.
Female Grammar	No. 2	Wednesday,	A. M.
Male and Female "	No. 21	"	P. M.
" " "	No. 20	Thursday,	A. M.
" " "	No. 14	"	P. M.
" " "	No. 11	Friday,	A. M.
" " "	No. 5	"	P. M.

WESTERN DISTRICT.

MISS ROBERTA DAVIS, Teacher.

Male and Female Grammar	No. 19	Monday,	A. M.
" " "	No. 18	"	P. M.
" " "	No. 15	Tuesday,	A. M.
" " "	No. 12	"	P. M.
" " "	No. 1	Wednesday,	A. M.
" " "	No. 6	"	P. M.
" " "	No. 8	Thursday,	A. M.
" " "	No. 4	"	P. M.
" " "	No. 9	Friday,	A. M.
" " "	No. 10	"	P. M.

RULES

RELATING TO

BALTIMORE CITY COLLEGE.

ARTICLE XXIII.

I.—COMMITTEE.

The legislative power of the Baltimore City College shall be vested in the Committee on Baltimore City College, who shall meet at least once a month for the transaction of such business as the interest of the School may require, in accordance with the Rules of the Board.—(See Article V.)

II.—FACULTY.

The Faculty shall consist of a Principal, Vice-Principal, and such Professors and Instructors as may be found necessary for the work of the College. They shall meet statedly, once a week (and oftener, on the call of the Principal) at such time, not included in the daily sessions, as they may appoint, to consult in regard to the best interests of the School, and to transact such business as may come properly before them, the same to be reported immediately to the Committee for its action.

III.—COURSES OF STUDY.

The full course of study for graduation shall be four years. There shall also be a two years' course, and all students who have completed this course shall, upon leaving honorably, be entitled to receive, upon their application, a certificate of such

honorable dismission, signed by the Faculty—and setting forth upon its face the time during which they have been connected with the College.

The studies of the College shall be the English, French, German and Latin languages (Greek optional), History, ancient and modern, Writing and Book-Keeping, Arithmetic Reviewed, Algebra, Geometry, Plane and Spherical Trigonometry, and their applications, Analytical Geometry and Calculus, Physiology, Chemistry, Physical Geography, Natural Philosophy, Astronomy, Psychology, Logic, Rhetoric, Moral Philosophy, Mental Philosophy, Political Economy, and the Constitution of the United States.

IV.—CURRICULUM.

The Curriculum shall be as follows:

First Year.

English Grammar and Analysis, Elocution, History of England, Writing; Natural Philosophy (elementary); Latin commenced; Book-Keeping commenced; Arithmetic reviewed; Algebra completed; Geometry, III Books.

Second Year.

Rhetoric, Composition, and Elocution; English Grammar and Analysis; History of Rome; Book-Keeping continued; Physical Geography, Physiology; Latin continued; German commenced; Geometry completed; Plane Trigonometry; Mensuration.

Third Year.

Rhetoric, Composition, and Elocution; History of English Literature; History of Greece; Natural Philosophy (full course); Astronomy commenced; Latin continued; German continued; Greek commenced (optional); French commenced; Surveying, Leveling, and Navigation.

Fourth Year.

Original Speeches and Elocution; English Literature; History of the Ancient Empires; Mental Philosophy; Moral Philosophy; Constitution of the United States; Chemistry and Geology; Latin continued; Greek continued; French continued; German continued; Analytical Geometry; Astronomy completed; Review of Mathematics.

No pupil shall be excused from any study as arranged in in the preceding curriculum, without the consent of the Committee; and any pupil who may be excused shall forfeit all right to contest for the graduating honors and prizes.

V.—EXAMINATION AND ADMISSION.

There shall be an examination of candidates for admission to the Baltimore City College, annually, in the month of July, to be conducted by the Faculty, under the direction of the Committee; and the result of such examination shall be submitted to the Board as soon thereafter as practicable.

Boys of fourteen years of age who shall have passed two quarters, and boys of twelve years of age who shall have passed two full scholastic years in the Grammar Schools next preceding the time for examination, having paid their tuition fees in full, of good moral character, and who shall pass an examination in Spelling, English Grammar, Geography, Arithmetic, and Algebra through Simple Equations, involving three unknown quantities, to the satisfaction of the Committee, shall be entitled to admission. If any admitted student should not take his seat in the College within *one week* from the beginning of the term, he shall not be entitled to admission, unless the delay be caused by sickness or unavoidable absence from the city.

Principals of Grammar Schools shall report to the Superintendent, on the third Tuesday in June, the names of all boys who will be candidates for admission to the Baltimore City College at the ensuing examination, in conformity with blanks to be furnished by that officer.

No candidate who has been guilty of truant-playing or any other grossly improper conduct during the scholastic year, shall be examined or admitted without the authority of the Committee; and it shall be the duty of Principals to report all such candidates to the Committee for its action.

Boys of fourteen years of age who are not pupils of the Grammar Schools shall be entitled to examination for admission, and the Committee shall arrange for the examination of such candidates at such times as may be deemed proper, but the requirements and standard of such examination shall be the same as that required of Grammar School pupils.

No pupil who has been removed from the Baltimore City College shall be re-admitted unless by special action of the Committee.

VI.—DUTIES OF THE FACULTY.

The Principal shall be charged with the government of the School and the general supervision of its studies, subject to the advice and direction of the Committee. He shall also have charge of the rooms, furniture, library, cabinets, apparatus and other property of the School, and shall be accountable to the Board for the proper use and preservation of the same. At the close of each year he shall present to the Board a report on the condition and wants of the School.

The Faculty, severally, shall be responsible for the improvement of their classes, and for the safe-keeping of the furniture, &c., of their class-rooms.

VII.—DISCIPLINE.

The Professors, in their respective departments, shall maintain order, enforce obedience, and urge to application by such incentives as are consistent with these general regulations, avoiding at all times the use of harsh or opprobrious epithets.

Each Professor shall keep a diary or register of conduct, in which he shall note any act of misconduct, whether ordinary or special, which occurs in his presence, or which comes properly under his notice, with the amount of his censure expressed

in demerit marks. He shall leave his diary with the Principal when required, once a week, or oftener; and it shall be the duty of the Principal to examine such entries and approve them, or (after consultation with the Professor) make such change in said demerit marks as in his opinion shall be just, and then the same shall be carried into the demerit ledger; but all such changes which may not meet the approval of the Professor shall be reported to the Committee for its action.

The students are required to be punctual in their attendance, diligent in their studies, respectful and polite toward their teachers, kind and civil in their intercourse with each other, and to observe order and decorum in going to and returning from school.

Offences against the government of the school shall be classed as *ordinary* and *special*; the first including everything which hinders the progress of study, or is in its nature improper, and which might be avoided by due attention on the part of the student, but which is rather the result of carelessness than a deliberate purpose to offend; and the second including every kind of intentional misconduct.

The particular acts embraced under the class of ordinary offences shall be made known, officially, from time to time, as the exigencies of the school may require; and for each of these offences there shall be, in the first instance, a demerit mark of 1. If the offence be committed after special warning by the Professor, it shall be so recorded, and incur a demerit mark of 2; and an additional demerit mark for each additional warning; provided, however, the mark for this class of offences shall not exceed 5.

The demerit for lateness and absence, when the detention is not occasioned by sickness, necessary attendance on the sick, or some equally imperative cause, shall be as follows: Lateness, 10 minutes or less, 1; more than 10 minutes and not more than 30, 2; more than 30 minutes and not more than

the first recitation period, 3; any larger part of the day, 4; absence a whole day, 5. This does not include truant-playing, which is embraced under the head of special offences. When a student has been late or absent, it shall be his duty, on his appearance in the school, to deliver to the Principal a note, signed by his parent or guardian, stating the length and cause of such detention, in order that it may be judged of under this rule.

No student, after entering the school in the morning, shall leave under any pretext whatever, before the close of the session, without the written permission of the Principal; and it shall be the duty of the Principal to record in his diary the name, the time, and the cause of such permission when granted.

When any offence has been committed which seems to require more than usual notice, the Professor in whose presence it has occurred shall either send the offender at once to the Principal, or cite him to appear before the Faculty at their next regular meeting, according to the grade of the offence; and every student shall promptly report himself to the Principal, or answer his citation before the Faculty as required.

Every act of truant-playing shall, in the first instance, incur a demerit mark of 10 for each day of such absence, accompanied with admonition, public or private, according to the circumstances of the case; and if repeated after such admonition, the truant shall be indefinitely suspended, and his case reported at once to the Committee.

Any student having presented a note or other writing, falsely purporting to be signed by his parent, guardian, or other responsible person, shall be deemed guilty of a very grave offence, and shall be dealt with by the Committee in their discretion.

Any student losing, destroying, or injuring any property of the Board, teachers, or of his fellow-students, shall make ade-

quate pecuniary compensation, irrespective of whatever school-censure the circumstances of the case may require.

The parents or guardians of pupils habitually indolent, or so irregular in their attendance as to prevent their advancement with their classes, will be requested to withdraw them, and in case of refusal they shall be reported to the Committee for expulsion.

For any gross offence, which seems to require it, a student may be suspended by the Principal, and the case reported immediately to the Committee.

When the number of a student's demerit marks, in one quarter, amounts to 50, it shall be the duty of the Principal to suspend him. If, then, the student and his parent, or guardian, appear before the Faculty and give such assurances as may lead them to believe there will be a decided reformation, they may in their discretion readmit him on trial, or refer his case to the Committee at their next stated meeting. Should he again, after such readmission, accumulate 50 demerit marks before the end of the next quarter, he shall be indefinitely suspended by the Faculty, and reported for dismission to the Committee at their next stated meeting.

All supensions, whether by the Principal or the Faculty, shall be recorded on the minutes. Students under suspension, as all others, are required to attend the term examinations.

A student may be promoted to a higher class at any time by a vote of the Faculty, if in their opinion his age and attainments are such as to make it expedient.

Each Professor shall keep a daily record of recitations, estimating the value of each on a scale running from 0 to 100. At the end of the quarter these will be averaged. From the averages of the several Professors a general average will be obtained, called the Quarterly Average of Scholarship. At the end of each term (the term consisting of two quarters) a rigid examination of the classes will be held in the studies of

the term, and the results expressed numerically on a scale of 100. The average of these results, combined with the quarterly averages of the same term, will give the Term Average of Scholarship. When a class is about to graduate, an examination of it will be had in all the studies of the course, and the average of the results of this examination, combined with all the term averages of scholarship, will give the Final Average of Scholarship.

The marks of demerit which a student may have incurred during the quarter will be deducted from 100, which will give the Quarterly Grade of Conduct. The average of the two quarterly grades will give the Term Average of Conduct. The average of all the term averages will give the Final Average of Conduct.

The quarterly average of scholarship combined with the quarterly grade of conduct will give the Quarterly Average of Merit. The term average of scholarship combined with the term average of conduct will give the Term average of Merit. The final average of scholarship combined with the final average of conduct will give the Graduating Average. The student whose graduating average is the highest will stand No. 1, the one next highest No. 2, &c.

Unless otherwise arranged by the Faculty, the student whose graduating average is the highest, *i. e.*, who stands No. 1, shall at the Commencement deliver the Honorary Oration; the one who graduates No. 2, *i. e.*, whose graduating average is second in order of merit, shall deliver the Valedictory; and the one who graduates No. 3 shall deliver the Salutatory Address.

The three students who stand the highest will each be entitled to a Peabody prize of the first grade (one hundred dollars), and the next four will each be entitled to a Peabody prize of the second grade, fifty dollars.

Those students in all the classes, whose term average of

merit is not less than 90, shall be ranked as Distinguished; and those whose term average is less than 90, but not less than 80, shall, in like manner, be ranked as Meritorious. The rank of graduates in this respect will be announced. No student will be permitted to graduate whose final average of scholarship or whose graduating average falls below 60; nor will any student be advanced with his class whose annual average of scholarship, found by combining the two term averages, is less than 60.

VIII.—GENERAL RULES.

The rules and regulations for the Public Schools, both in regard to teachers and pupils, in so far as they are not superseded by the foregoing, shall be in force in the Baltimore City College.

RULES RELATING TO FEMALE HIGH SCHOOLS.

ARTICLE XXIV.

I.—COMMITTEE.

The legislative power of the Female High Schools shall be vested in the Committee on Female High Schools, who shall meet at least once a month for the transaction of such business as the interests of the school may require, in accordance with the rules of the Board. (See Article V.)

II.—FACULTY.

The Faculty shall consist of a Principal, First Assistant, and as many Assistants and Instructors as may from time to time be found necessary for the work of the schools.

III.—COURSE OF STUDY.

The regular Course of Study shall be four years, and shall not be extended except by permission of the Board.

IV.—CURRICULUM.

The Curriculum shall be as follows:

1. *English and Belle Lettres*—Embracing Etymology, Penmanship, Elocution, Grammar, Ancient and Modern History, Rhetoric and Composition.
2. *Mathematics*—Embracing Arithmetic, Algebra and Geometry.
3. *Natural Sciences*—Embracing Natural Philosophy, Astronomy, Chemistry and Physiology.

4. *Moral, Mental and Political Sciences*—Embracing Moral Philosophy, Mental Philosophy, Political Economy, Constitution of the United States and of State of Maryland.

5. *Music*—Vocal.

6. *Drawing.*

7. *French.*

No pupil shall be excused from any study as above arranged without the consent of the Committee; and any pupil who may be excused shall forfeit all right to contest for the graduating honors and prizes, unless otherwise ordered by the Committee.

V.—EXAMINATION AND ADMISSION.

There shall be an examination for admission to the Female High Schools, annually, in the month of July, to be conducted by the Faculty under the direction of the Committee; and the result of the examination shall be submitted to the Board as soon thereafter as practicable. No pupil shall be examined under thirteen years of age. Pupils from private schools who may receive permits from the Committee, shall be examined at the same time as those from Grammar Schools, of which due notice shall be given in the daily papers at least ten days previous to the time of examination.

Pupils who may pass a satisfactory examination, according to the standard approved by the Committee previous to the examination, in Spelling, Grammar, Geography, Arithmetic, Penmanship and Music, shall be admitted.

If any pupil shall fail to present herself at the school within one week after the commencement of the term, she shall not be entitled to admission, unless the delay shall be caused by sickness or unavoidable absence from the city.

Principals of Female Grammar Schools shall report to the Superintendent, on the third Tuesday in June, the names of all pupils who will be candidates for admission to the Female

High Schools at the ensuing examination, in conformity with blanks to be prepared by that officer.

No pupil will be re-admitted if once removed from the school, unless otherwise directed by the Committee.

VI.—DUTIES OF THE FACULTY.

The Principal shall be charged with the government of the school, and the general supervision of its studies, subject to the advice and direction of the Committee. He shall also have charge of the rooms, furniture, library, cabinets, apparatus and other property of the school, and shall be accountable to the Board for the proper use and preservation of the same. At the close of each year he shall present to the Board a report on the condition and wants of the schools.

The Assistants, severally, shall be responsible for the improvement of their classes, and for the safe keeping of the furniture, &c., of their class-rooms.

The Assistants shall at the close of each day report to the Principal the name of each pupil who has been absent from her class, or who has not been punctual in attendance, or who may have been guilty of misconduct.

VII.—DISCIPLINE.

The Assistants, in their respective departments, shall maintain order, enforce obedience, and urge to application by such incentives as are consistent with these general regulations, avoiding at all times the use of harsh or opprobrious epithets.

Each Assistant shall keep a diary or register of conduct, in which she shall note any act of misconduct, whether ordinary or special, which occurs in her presence, or which comes properly under her notice, with the amount of her censure expressed in demerit marks. She shall leave her diary with the Principal when required once a week, or oftener, and it

shall be the duty of the Principal to examine such entries and approve them, or (after consultation with the Assistant) make such change in said demerit marks as in his opinion shall be just, and then the same shall be carried into the demerit ledger; but all such changes which may not meet the approval of the Assistants shall be reported to the Committee for its action.

The pupils are required to be punctual in their attendance, diligent in their studies, respectful and polite toward their teachers, kind and civil in their intercourse with each other, and to observe order and decorum in going to and returning from school.

Breaches of discipline shall be divided into ordinary and special, which the Principal shall define and officially make known as the discipline of the school shall require.

For each ordinary offence thus specified, the mark shall be 1; and if after the declaration of this (for in every case of marking the teacher *must* notify the pupil) the said offense be repeated during a period or session, the mark shall be 2. If again repeated in the same time, the pupil must be sent to the Principal. Special offences, among which may be classed as prominent, direct disobedience or disrespect, may be noted and deferred only for the decision of the Principal; or the offender may be immediately sent to him with the offence specified. No pupil, for any offence, must be sent from any room except as above specified. Unbecoming or unladylike conduct, either in the school building, yard, or upon the street, shall be considered a special offence.

The mark for lateness at the opening of school shall be 1; for fifteen minutes, 2; for a period, 3; for a longer time, 4; and for a whole day, 5; except such be caused by personal sickness, necessary attendance on the sick, or death in the family.

Pupils, for absence, must bring notes of excuse from parents or guardians. Such notes must express the cause. No pupil will be allowed to leave the building during the school session, except for the causes specified above, without a note countersigned by one of the Committee on the school.

When the number of demerit marks in any quarter shall amount to twenty-five, the pupil against whom they shall be recorded shall receive a notice of warning, and if the number in any quarter shall reach fifty, the pupil shall be suspended by the Principal. If, however, the pupil and parent, or guardian, shall appear and give assurances of reformation, she will be re-admitted, but the effect of such suspension shall be to disqualify her for competing for the highest prizes. Should she again, after such re-admission, accumulate 50 demerit marks before the end of the next quarter, she shall be indefinitely suspended by the Faculty, and reported for dismission to the Committee at the next stated meeting.

Every suspension shall take one from the final average of the last year; and any one who, during the last year, shall have fifty demerit marks, shall be disqualified for competition for admission to the lectures of the Peabody and Maryland Institutes. Each teacher must, at his or her option, mark recitations on a scale of from 1 to 100, in any branch or branches in his or her charge, but in the months of January and June there shall be a stated and special semi-annual or term examination of every class in all the studies of the preceding half year or year. Examinations held during a term shall be considered as recitations. The average of recitations, if any, during a term, shall be added to the result of the term examination, and the average of the two shall be the Term Average of Scholarship. At the close of the year the average of the two terms shall be an Annual Average of Scholarship. The number of demerit marks received in a term shall be taken from 100, and the balance shall be a Term Average of Con-

duct, and the average of the two term averages shall be an Annual Average of Conduct.

An average of Annual Conduct averages during the whole course of four years shall be the final conduct average.

An average of the Final Conduct average, and of the annual average of Scholarship for the fourth or graduating year shall constitute the graduating average. And to the pupil having the highest number shall be awarded the first medal and Honorary Address; to the next, the third medal and Salutatory, and to the rest in the order of their rank the remaining medals. The Faculty may, however, at its option, award the preparation and reading of the address to such other graduates as it may select.

For promotion from the first year to the second, from the second to the third, and from the third to the fourth, the Scholastic average shall be 65, but for a diploma the Scholastic average of the fourth year shall be 75. From 75 to 80 shall be considered Meritorious, from 80 to 90 Excellent, above 90 Distinguished, and these results shall be expressed on the diploma, which shall be awarded at the Commencement that shall be held at such time as the Committee may appoint.

In case of failure on the part of any pupil to complete any term record, such failure shall at once be reported to the Committee; and if it arise from a cause satisfactory to them, it shall not of itself deprive a pupil of the right to a diploma; but no pupil who fails to complete both term records in the fourth or graduating year shall be entitled to a Peabody Medal.

The five pupils who stand the highest will each be entitled to a Peabody prize of the first grade, and the next will each be entitled to a Peabody prize of the second grade.

VIII.—GENERAL RULES.

The rules and regulations for the Public Schools, both in regard to teachers and pupils, in so far as they are not superseded by the foregoing, shall be in force in the Female High Schools.

Locations of Public Schools,

NAMES OF TEACHERS, &c.

Baltimore City College.

HOWARD STREET, OPPOSITE CENTRE.

Teachers, 11; *Scholars*, 372.

William Elliott, Jr., A.M., Principal and Professor of Higher Mathematics.

J. Asbury Morgan, A.M., Vice-Principal and Professor of the Greek and Latin Languages, and of Mental and Moral Philosophy.

James McIntire, M.D., Professor of Astronomy.

James R. Webster, Professor of Writing and Book-keeping.

H. E. Shepherd, Professor of English Literature and History.

Andrew S. Kerr, Professor of Mathematics.

A. L. Milles, Professor of French.

Charles Raddatz, Professor of German.

Chapman Maupin, M.A., Professor of Latin.

Powhatan Clarke, M.D., Professor of Natural Science.

Alexander Hamilton, Tutor.

Eastern Female High School,
N. E. corner of Aisquith and Mullikin streets.
Teachers, 11; *Scholars*, 353.

Nath. H. Thayer, A.M., Principal.
Elizabeth A. Baer, 1st Assistant.
P. J. Tompkins, 2d "
S. L. Bassford, " "
M. C. Geddes, " "
L. De Valin, " "
H. J. Brewer, " "
L. Browning, " "
Eliza E. Nicolai, " "
L. M. Mullen, Drawing.
A. La Court, French.

Western Female High School,
Fayette street, west of Paca.
Teachers, 12; *Scholars*, 406.

D.A. Hollingshead, A.M., Principal.
Pamelia A. Hartman, 1st Assistant.
Sarah S. Rice, 2d "
Jane S. Williams, 2d "
Emma Cowman, 2d "
H. C. Adams, 2d "
Louise C. Saumenig, 2d "
Isabella Hampson, 2d "
A. P. Wise, 2d "
Laura D. Brian, 2d "
A. Dubreuil, French.
E. J. Davis, Drawing.

Male Grammar School No. 1,
N. E. corner Fayette and Green sts.
Teachers, 7; *Scholars*, 266.

William G. Cox, Principal.
S. E. Cremmin, 1st Assistant.
L. A. Ennis, 2d "
L. V. Caldwell, 3d "
R. Haswell, 3d "
R. B. Shephard, 3d "
B. Roberts, 3d "
F. Barry, 3d "

Male Grammar School No. 2,
Southwest corner of Broadway and Bank street.
Teachers, 8; *Scholars*, 340.

William T. Markland, Principal.
Samuel Black, 1st Assistant.
H. Gallup, 2d "
K. Miller, 3d "
C. Johnson, 3d "
Annie Willis, 3d "
R. Wagner, 3d "
M. Welling, 3d "

Male Grammar School No. 4,
Sharp street near Montgomery.
Teachers, 6; *Scholars*, 200.

Henry A. Wise, Jr., Principal.
John O. Pace, 1st Assistant.
Mary Fort, 2d "
A. D. Banks, 3d "
J. P. Ferguson, 3d "
E. A. Bradekamp, 3d "

Male Grammar School No. 5,
S. W. corner Greenmount avenue and Eager street.
Teachers, 4; *Scholars*, 149.

Charles G. Edwards, Principal.
Mary Snyder, 1st Assistant.
Mary Sollers, 2d Assistant.
E. A. Clarke, 3d "

Male Grammar School No. 6,
Druid Hill avenue near Biddle street.
Teachers, 7; *Scholars*, 295.

W. F. Wardenburg, Principal.
Richard Grady, 1st Assistant.
Jennie Graham, 2d "
S. F. Turner, 3d "
E. F. Skinner, 3d "
Jennie P. Loane, 3d "
J. Van Daniker, 3d "

Male Grammar School No. 7,
Cor. Chesapeake and Hudson streets, Canton.
Teachers, 3; *Scholars*, 72.

E. M. Jackson, Principal.
E. D. Norville, 1st Assistant.
H. R. Buck, Assistant.

Male Grammar School No. 8,
N. W. corner Fremont street and Ridgely alley.
Teachers, 5; *Scholars*, 198.

John E. McCahan, Principal.
A. F. King, 1st Assistant.
Selina Cole, 2d "
Helen W. Bankhead, 3d "
Emma F. Gilbert, 3d "

Male Grammar School No. 9,
Courtland street near Saratoga.
Teachers, 5; *Scholars*, 206.

C. C. Wight, Principal.
S. E. Grape, 1st Assistant.
E. F. Evans, 2d "
Emily Hyde, 3d "
H. M. White, 3d "

Male Grammar School No. 10,
S. E. cor. William and Warren sts.
Teachers, 6; *Scholars*, 202.

R. K. Hollingshead, Principal.
S. F. Norris, 1st Assistant,
E. R. Loane, 2d "
A. O. Sollers, 3d "
F. J. Lohrfink, 3d "
L. Spedden, 3d "

Male Grammar School No. 11,
N. W. corner Bond and Jefferson sts.
Teachers, 5; *Scholars*, 202.

John W. Hooper, Principal.
S. G. Carr, 1st Assistant.
M. L. Burnitt, 2d "
Agnes Berry, 3d "
Annie Coleman, 3d "

Male Grammar School No. 12,
Barre street, west of Eutaw.
Teachers, 4; *Scholars*, 142.

H. D. Reese, Principal.
John M. Armstrong, 1st Assistant.
F. Nicholson, 2d "
A. R. Linthicum, 3d "

Male Grammar School No. 13,
Aisquith street near Mullikin.
Teachers, 6; *Scholars*, 214.

George B. Loane, Principal.
B. T. Hanna, 1st Assistant.
F. C. Myles, 2d "
Lettie Gilmore, 3d "
Belle Joyce, 3d "
Fannie Eckels, 3d "

Male Grammar School No. 14,
N. E. cor. Gough and Stiles streets.
Teachers, 5; *Scholars*, 184.

J. F. Arthur, Principal.
Geo. A. Dubreuil, 1st Assistant.
S. E. Clarke, 2d "
Kate E. Dorman, 3d "
G. Diffenderffer, 3d "

Male Grammar School No. 15,
cor. Republican st. and Wagon alley.
Teachers, 9; *Scholars*, 354.

P. T. Reeder, Principal.
C. W. Virtue, 1st Assistant.
Ruth Henry, 2d "
Kate McCollum, 3d "
Ida Jarret, 3d "
Annie Jessup, 3d "
A. E. Krause, 3d "
Fannie Rutter, 3d "
Belle C. Tudor, 3d "

Male Grammar School No. 17,
Washington street, near Hampstead.
Teachers, 5; *Scholars*, 191.

A. F. Wilkerson, Principal.
Mary E. Black, 1st Assistant.
S. E. Dawson, 2d "
Olivia E. Spamer, 3d "
R. Cromwell, 3d "

Male Grammar School No. 18,
Mulberry street, near Fremont.
Teachers, 5; *Scholars*, 194.

Chas. H. Cockey, Principal.
A. D. Clark, 1st Assistant.
A. C. Hugg, 2d "
S. E. Barnes, 3d "
Ida J. McNeal, 3d "

Male Grammar School No. 19,
Park avenue, near Lanvale street.
Teachers, 5; *Scholars*, 150.

Chas. M. Elliott, Principal.
M. W. Wallace, 1st Assistant.
Josephine Norris, 2d "
Annie R. Brundige, 3d "

Male Grammar School No. 20,
N. W. cor. John and Eden streets.
Teachers, 4; *Scholars*, 191.

Michael Connelly, Principal.
Eliza J Ireland, 1st Assistant.
Martha J. Hardy, 2d "
Mary A. Register, 3d "

Male Unclassified School No. 21,
Pennsylvania avenue cor. Robert st.
Teachers, 7; *Scholars*, 300.

T. J. Edwards, Principal.
E. M. Carey, 1st Assistant.
F. S. Brown, 2d "
M. A. Smith, 3d "
J. Addie Shaw, 3d "
L. J. Pryor, 3d "
L. L. Lyon, 3d "

Female Grammar School No. 1,
S. W. cor. of Fayette and Green sts.
Teachers, 9; *Scholars*, 376.

H. A. Carl, Principal.
Mary Hartman, 1st Assistant
M. C. Nelson, 2d "
L. V. Ballard, 3d "
C. E. Aisquith, 3d "
M. H. Bailey, 3d "
A. M. Thompson, 3d "
B. T. Crangle, 3d "
C. B. Holden, 3d "

Female Grammar School No. 2,
S. W. cor. of Broadway and Bank st.
Teachers, 7; *Scholars*, 328.

Georgia A. Duvall, Principal.
G. C. Baker, 1st Assistant.
S. C. Sherwood, 2d "
R. A. Spencer, 3d "
H. Hall, 3d "
S. Lohrfink, 3d "
Mary Brownley, 3d "

Female Grammar School No. 3,
Aisquith street, near Fayette.
Teachers, 4; *Scholars*, 139.
M. E. Burnett, Acting Principal.
Nora Jones, Acting 1st Assistant.
Emma Furlong, 2d "
Ada Wheatley, Temp. "

Female Grammar School No. 4,
Sharp street, near Montgomery.
Teachers, 5; *Scholars*, 193.
M. H. Thomiz, Principal.
S. F. Keavins, 1st Assistant.
J. W. Brian, 2d "
E. W. Waterhouse, 3d "
M. J. Henrix, 3d "

Female Grammar School No. 5,
S. W. corner of Greenmount avenue and Eager street.
Teachers, 5; *Scholars*, 183.
Florence Scott, Principal.
Mary A. Pindell, 1st Assistant.
Alice V. Davis, 2d "
Mary G. Kenney, 3d "
Ida S. Stoddard, 3d "

Female Grammar School No. 6.
Druid Hill avenue, near Biddle street.
Teachers, 6; *Scholars*, 247.
Eliza Adams, Principal.
A. H. Graham, 1st Assistant.
Amelia Mackee, 2d "
Clara Carl, 3d "
Cornelia A. Grape, 3d "
V. L. Townsend, 3d "

Female Grammar School No. 8,
N. W. corner of Fremont street and Ridgely alley.
Teachers, 7; *Scholars*, 307.
Adelaide L. Hall, Principal.
Sarah E. Marshall, 1st Assistant.
Florence Rutter, 2d "
H. W. Martin, 3d "
A. W. Nicholson, 3d "
Eliza J. Ward, 3d "
Mary S. Tucker, 3d "

Female Grammar School No. 9,
Courtland street, near Saratoga.
Teachers, 4; *Scholars*, 136.
Annie G. Chappell, Principal.
Virginia Cassady, 1st Assistant.
Eugenia Hyde, 2d "
Agnes Parsons, 3d "

Female Grammar School No. 10,
Southeast corner of William and Warren streets.
Teachers, 6; *Scholars*, 239.
Mary A. Reside, Principal.
Margaret E. Thomiz, 1st Assistant.
D. Short, 2d "
Sarah Sewell, 3d "
Va. Don Allen, 3d "
S. Landon, 3d "

Female Grammar School No. 11.
N. W. cor. Bond and Jefferson sts.
Teachers, 5; *Scholars*, 200.
N. W. Smith, Principal.
Martha J. Hanna, 1st Assistant.
Rennis L. Pope, 2d "
Fannie E. Loane, 3d "
Ella J. Faulac, 3d "

Female Grammar School No. 12.

Barre street, west of Eutaw.

Teachers, 4; *Scholars*, 140.

Annie E. Porter, Principal.
S. M. Tudor, 1st Assistant.
M. V. Wellham, 2d "
Annie A. Konze, 3d "

Female Grammar School No. 13.

Aisquith st. near Mullikin.

Teachers, 7; *Scholars*, 276.

E. J. Mitchell, Principal.
Rosa Baker, 1st Assistant.
M. O'Brien, 2d "
Camilla Wright, 3d "
Mary C. Crozier, 3d "
Clara V. Grindall, 3d "
Maggie A. Maddox, 3d "

Female Grammar School No. 14.

N. E. cor. Gough and Stiles streets.

Teachers, 5; *Scholars*, 199.

Margaret Snyder, Principal.
E. H. Wilson, 1st Assistant.
E. N. Hoskins, 2d "
Annie Parsons, 3d "
A. B. Foard, 3d "

Female Grammar School No. 15.

S. E. corner Republican street and Wagon alley.

Teachers, 7; *Scholars*, 280.

Mary W. Storke, Principal.
Mary E. Crawford, 1st Assistant.
Emma E. DeLacour, 2d "
A. B. Nicholson, 3d "
Laura V. Hobbs, 3d "
A. Stanley, 3d "
S. L. Gillman, 3d "

Female Grammar School No. 16.

Locust Point.

Teachers, 2; *Scholars*, 92.

M. E. Callender, Principal.
Lida Barnes, Assistant.

Female Grammar School No. 17.

Washington street near Fayette.

Teachers, 6; *Scholars*, 240.

Mary Henderson, Principal.
Lucy R. Fuller, 1st Assistant.
Kate M. Stewart, 2d "
A. M. Pulley, 3d "
Mary E. Grape, 3d "
Maggie Nagle, 3d "

Female Grammar School No. 18.

Mulberry street near Fremont.

Teachers, 5; *Scholars*, 227.

A. Sappington, Principal.
Amelia Kirk, 1st Assistant.
Kate C. Reed, 2d "
A. E. Hall, 3d "
Mrs. A. Hughes, 3d "

Female Grammar School No. 19.

Park avenue near Hoffman street.

Teachers, 4; *Scholars*, 127.

H. A. Musselman, Principal.
Mary Templeton, 1st Assistant.
Maggie Graham, 2d "
Lucy V. Johnson, Temporary.

Female Grammar School No. 20.

Corner of John and Eden streets.

Teachers, 5; *Scholars*, 227.

A. S. Kenny, Principal.
L. M. Kelly, 1st Assistant.
A. E. Nones, 2d "
S. E. Stone, 3d "
Lizzie C. Kenney, 3d Assistant.

Female Unclassified School No. 21.

Pennsylvania avenue, cor. Robert st.

Teachers, 8; *Scholars*, 317.

Sarah G. Pryor, Principal.
Martha B. Fringer, Assistant.
Sallie S. Cross, "
S. E. Barnes, "
Jennie Patrick, "
Mary E. Ray, "
Ida V. Collins, "
Laura A. Edwards, "

Male Primary School No. 1.

N. E. corner Fayette and Green sts.

Teachers, 10; *Scholars*, 460.

Mary L. Robinson, Principal.
M. Richmond, Assistant.
A. M. Seip, "
F. A. Shepard, "
V. A. Miller, "
A. M. Wilen, "
C. Woodward, "
Alice Baum, "
E. H. Hardie, "
S. Littlefield, "

Male Primary School No. 2.

Stiles street, near High.

Teachers, 4; *Scholars*, 163.

S. V. Fleury, Principal.
Debora Allyn, Assistant.
Laura V. Tolson, "
A. M. Brooks, "

Male Primary School No. 3.

N. E. corner Gough and Wolfe sts.

Teachers, 6; *Scholars*, 269.

Mary L. Maxwell, Principal.
L. W. Thirlkeld, Assistant.
Lizzie V. Abey, "
Florence Stewart, "
Alice L. Hollins, "
Juliet LeGrand, "

Male Primary School No. 4.

N. E. corner Hanover and Lee sts.

Teachers, 7; *Scholars*, 280.

Sallie A. E. Pattison, Principal.
A. E. Thornton, Assistant.
S. W. Deitch, "
A. E. Daneker, "
E. J. McGee, "
Annie M. Spies, "
M. V. Marriott, "

Male Primary School No. 5.

S. E. corner Bond and Chew streets.

Teachers, 6; *Scholars*, 303.

Margaret Sherwood, Principal.
G. C. A. Campbell, Assistant.
Mary A. Meehan, "
Mary E. Gaunt, "
S. M. Mullin, "
L. F. Henderson, "

Male Primary School No. 6.

Ann street, near Canton avenue.

Teachers, 6; *Scholars*, 287.

Annie M. Aburn, Principal.
M. E. Brown, Assistant.
Mary Heller, "
Julia F. Hupp, "
Georgia A. Miles, "
Mary A. Younger, "

Male Primary School No. 7.

Mullikin street, near Aisquith.

Teachers, 6; *Scholars*, 257.

Josephine Evans, Principal.
A. R. C. James, Assistant.
M. E. Williamson, "
Annie M. Biddison, "
Mary Rogan, "
G. R. Wells, "

Male Primary School No. 8.

Caroline street, near Lombard.

Teachers, 5; *Scholars*, 222.

Sarah E. Smith, Principal.
Sarah V. Mettee, Assistant.
Harriet E. Snyder, "
Laura Fuller, "
M. A. B. Fry, "

Male Primary School No. 9.

Courtland street, near Saratoga.

Teachers, 4; *Scholars*, 198.

Marietta Barrickman, Principal.
Fanny Green, Assistant.
Louisa Towson, "
Lizzie Glanding, "

Male Primary School No. 10.

Hollins street, near Schroeder.

Teachers, 5; *Scholars*, 252.

Priscilla J. Owens, Principal.
Mary E. Porter, Assistant.
Ellen L. Ross, "
Mary E. Rose, "
Parthenia Bell, "

Male Primary School No. 11.

N. E. cor. Pierce and Schroeder sts.

Teachers, 5; *Scholars*, 231.

Mary C. Mullikin, Principal.
C. E. O'Connor, Assistant.
Mary B. Bourne, "
Maria L. Bulloch, "
Lizzie Buckley, "

Male Primary School No. 12.

Corner Barre and Warner streets.

Teachers, 8; *Scholars*, 380.

O. Wright, Principal.
Sarah Saumenig, Assistant.
Florence Valiant, Assistant.
Annie Rooney, "
Laura Roch, "
Ambrosia Lieutard, "
Lillie Hiser, "
Lucy Clarke, "

Male Primery School No. 13.

Jefferson street, near Caroline.

Teachers, 6; *Scholars*, 251.

Annie E. Gallup, Principal.
Kate A. Slattery, Assistant.
Mary C. Altvater, "
Mary A. Scott, "
Bettie Bowen, "
Jessie E. Keefer, "

Male Primary School No. 14.

Eutaw street, near Preston.

Teachers, 6; *Scholars*. 252.

Clara Tucker, Principal.
E. C. R. Cahoon, Assistant.
M. V. Johnston, "
Sarah T. Hiss, "
Mary E. Cummings, "
Nettie Barrett, "

Male Primary School No. 15,

Cor. of Republican and Saratoga sts.

Teachers, 7; *Scholars*, 370

M. L. Hiskey, Principal.
Emily Cole, Assistant,
Rebecca Ward, "
M. L. Maxwell, "
Maggie McFarland, "
H. Penniman, "
Teresa A. Maguire, "

Male Primary School No. 16,
Hillen street, near High.
Teachers, 5; *Scholars*, 230.
M. L. Mullin, Principal.
M. A. Foley, Assistant.
Margaret J. Early, "
M. Hennesy, "
A. Ditman, "

Male Primary School No. 17,
S. W. cor. Light and Poultney sts.
Teachers, 7; *Scholars*, 334.
H. Byers, Principal.
L. McGee, Assistant.
Clara Chance, "
C. Waters, "
S. S. Martin, "
Amelia Torch, "
L. Helsby, "

Male Primary School No. 18,
Walsh street, near Lanvale.
Teachers, 4; *Scholars*, 184.
Annie N. Frederick, Principal.
S. E. Williamson, Assistant.
Maggie Drummond, "
L. Hopkins, "

Male Primary School No. 19,
Park avenue, near Hoffman street.
Teachers, 3; *Scholars*, 135.
Agnes P. Tolson, Principal.
C. W. Cromwell, Assistant.
E. Tull, "

Male Primary School No. 20,
Corner of John and Eden streets.
Teachers, 9; *Scholars*, 439.
E. T. McAllister, Principal.
Annie B. Hooper, Assistant.
L. A. Hamilton, "
Clara J. Crowley, "
Priscilla Wright, "
Gertrude Bennett, "
M. H. Moore, "
A. S. Burton, "
A. E. Snyder, "

Male Primary School No. 22,
Ramsey street, near Scott.
Teachers, 6; *Scholars*, 282
Ellen S. Moffett, Principal.
Laura Bangs, Assistant.
Kate Wright, "
L. A. Mark, "
J. V. Summers, "
Emma Craig, "

Male Primary School No. 23.
N. E. corner Front and Fayette sts.
Teachers, 5; *Scholars*, 208.
Emma Gillen, Principal.
Jennie Towson, Assistant.
Emma V. Saums, "
Fanny Wheeler, "
B. E. Pryor, "

Male Primary School No. 25.
Caroline street near Bank.
Teachers, 4; *Scholars*, 167.
M. M. Hamilton, Principal.
H. W. Leary, Assistant.
M. L. De Pacpe, "
Kate Sinclair, "

Male Primary School No. 26.
Orleans street near Bond.
Teachers, 5; *Scholars*, 237.
Laura A. Ball, Principal.
Josephine Hankey, Assistant.
Emma J. Brown, "
M. Campbell, "
Emma Thomas, "

Male Primary School No. 27.

S. W. cor. Fayette and Chester sts.

Teachers, 6; *Scholars*, 247.

Kate Mackintosh, Principal.
A. Wilkinson, Assistant.
M. C. Reed, "
Kate Black, "
E. Robb, "

Male Primary School No. 28.

Cor. Battery avenue and Clement st.

Teachers, 6; *Scholars*, 258.

M. A. E. Jackson, Principal.
Lida Skinner, Assistant.
E. Shillinger, "
S. Lizzie Graham, "
Fanny Little, "
E. M. Briding, "

Male Primary School No. 29.

Hill st. between Hanover and Sharp.

Teachers, 4; *Scholars*, 185.

Delmar Neal, Principal.
Cora Skinner, Assistant.
Marian Wolcott, "
Nannie Fitzgerald, "

Male Primary School No. 30.

Hollins street near Fulton.

Teachers, 5; *Scholars*, 228.

Laura A. Yeatman, Principal.
Fannie B. Gale, Assistant.
Annie M. Hamilton, "
Cora E. Gorman, "
Mary G. King, "

Female Primary School No. 1.

S. W. corner Green and Fayette sts.

Teachers, 8; *Scholars*, 382.

Elizabeth D. Kirk, Principal.
Jennie Gregg, Assistant.
Lizzie Otter, "
Mary Walsh, "
Emma Armor, "
A. E. Duval, "
Lizzie A. Daley, "
Mary E. Lander, "

Female Primary School No 2,

Stiles street, near High.

Teachers, 4; *Scholars*, 168.

A. E. McBee, Principal.
M. E. Bryarly, Assistant.
Laura F. Spencer, "
E. R. Bunting, "

Female Primary School No. 3,

N. E. corner Gough and Wolfe sts.

Teachers, 7; *Scholars*, 305.

Sallie A. Stoner, Principal.
Rebecca Lutz, Assistant.
Emma Mitchell, "
Ella C. Fernan, "
Annie S. Jay, "
M. Wilkerson, "
Mary J. Leese, "

Female Primary School No. 4,

N. E. corner Hanover and Lee sts.

Teachers, 6; *Scholars*, 282.

L. Saulsbury, Principal.
Sallie T. Dare, Assistant.
Laura Laughton, "
Stella G. Lewis, "
A. M. Thomiz, "

Female Primary School No. 5,
S. E. corner Bond and Chew streets.
Teachers, 6; *Scholars*, 311.
Belle C. Ford, Principal.
J. Fleehearty, Assistant.
Annie M. Murray, "
Florence S. Witman, "
M. A. Finnen, "
Ella R. Ewing, "

Female Psimary School No. 6,
Ann street, near Canton avenue.
Teachers, 6; *Scholars*, 268.
Margaret Clendenin, Principal.
F. J. Cralle, Assistant.
Annie Roesnick, "
L. Kemp, "
Ida G. Fuller, "
Annie E. Moxley, "

Female Primary School No. 7,
Mullikin street, near Aisquith street.
Teachers, 5; *Scholars*, 251.
Amanda Harker, Principal.
Sallie E. Mitchell, Assistant.
Lizzie Torrington, "
Annie Goshell, "
Mary B. Noble, "

Female Primary School No. 8,
Caroline street, near Lombard street.
Teachers, 4; *Scholars*, 190.
Annie E. Driscoll, Principal.
Annie E. Foreman, Assistant.
Ida Mettee, "
Lily Bateman, "

Female Primary School No. 9,
Courtland street, near Saratoga.
Teachers, 6; *Scholars*, 263.
S. S. Bouldin, Principal.
Carrie B. Evans, Assistant.
Ida Neilson, "
A. J. Pitman, "
Lizzie P. Wysham, "
M. E. Maynard, "

Female Primary School No. 10,
Hollins street, near Schroeder street.
Teachers, 5; *Scholars*, 225.
E. P. Martin, P l.
Annie D. Lieutard, Assistant.
Mary V. Collier, "
Kate L. Smith, "
N. W. Rogers, "

Female Primary School No. 11,
N. E. cor. Schroeder and Pierce sts.
Teachers, 6; *Scholars*, 244.
Kate Siemering, Principal.
Florence Allen, Assistant.
Emma J. Beck, "
Mary Gibney, "
Ruth Towson, "
S. A. McHarry, "

Female Primary School No. 12,
Corner Barre and Warner streets.
Teachers, 8; *Scholars*, 375,
Laura Wamaling, Principal.
Anna Doll, Assistant.
Maggie Siemering, "
M. Emma Ware, "
Mrs. Louisa Lang, "
S. R. McFarland, "
Jane Carr, "
Alice C. Armor, "

Female Primary School No. 13,
Jefferson street, near Caroline.
Teachers, 6; *Scholars*, 258.

Mary A. Joyce, Principal.
Virginia Whitelock, Assistant.
Jane McKenzie, "
Julia A. Loane, "
Anna Parker, "

Female Primary School No. 14,
Eutaw street, near Preston.
Teachers, 3; *Scholars*, 135.

Emily M. Ellis, Principal.
S. A. Mitchell, Assistant.
Fannie R. Seegar, "

Female Primary School No. 15,
S. W. cor. Republican and Saratoga streets.
Teachers, 7; *Scholars*, 335.

A. R. McCoy, Principal.
C. K. Driscoll, Assistant.
Mary H. Houston, "
Maggie Maxwell, "
Ada M. Royston, "
A. E. Barnett, "
M. Allen, "

Female Primary School No. 16,
Hillen street, near High.
Teachers, 5; *Scholars*, 257.

M. Hanna, Principal.
E. R. Cook, Assistant.
E. J. Jevins, "
Belle MacLeary, "
Maggie Cassidy, "

Female Primary School No. 17,
S. W. cor. Light and Poultney sts.
Teachers, 8; *Scholars*, 353.

E. Virginia Addison, Principal.
A. V. Martin, Assistant.
C. A. Drought, "
A. Cassady, "
L. Armiger, "
S. Harzburg, "
M. D. Woods, "
M. Logsdon, "

Female Primary School No. 18,
Walsh street, near Lanvale.
Teachers, 4; *Scholars*, 178.

Isabelle C. Fort, Principal.
Ada Branham, Assistant.
Carrie R. Williams, "
P. A. Goodrick, "

Female Primary School No. 19,
Park avenue, near Lanvale street.
Teachers, 4; *Scholars*, 150.

M. A. Bailey, Principal,
C. A. Knight, Assistant.
Maggie Crowley, "
Ida A. Mackee, "

Female Primary School No. 20,
N. W. cor. John and Eden streets.
Teachers, 8; *Scholars*, 397.

Sarah C. Bradbury, Principal.
Melvina D. Eldridge, Assistant.
Susie H. Bowen, "
Martha K. Storch, "
A. E. Gilmore, "
Maggie Pierce, "
Maggie Garrett, "
Belle Teal, "

Female Primary School No. 22,
Ramsey street, near Scott.
Teachers, 7; *Scholars*, 330.
S. Nelson, Principal.
Mary E. Frame, Assistant.
S. V. Delacour, "
Ida J. Crozier, "
Ella Woods, "
Ella Burt, "
Emma L. Doll. "

Female Primary School No. 23,
N. E. cor. Fayette and Front streets.
Teachers, 4; *Scholars*, 193.
A. M. German, Principal.
E. M. Pierce, Assistant.
M. L. Schoolfield, "
M. E. Kenney, "

Female Primary School No. 25,
Caroline street, near Bank.
Teachers, 4; *Scholars*, 154.
Mary E. Foster, Principal.
A. E. Wardenburg, Assistant.
Annie S. Abbott, "
Mary E. Gayle, "

Female Primary School No. 26,
Orleans, near Bond street.
Teachers, 5; *Scholars*, 214.
Rosalia Barrett, Principal.
Bettie Cathcart, Assistant.
O. S. Ward, "
Kate T. Hunter, "
M. A. Severson, "

Female Primary School No. 27,
Corner Chester and Fayette streets.
Teachers, 5; *Scholars*, 262.
E. W. Martin, Principal.
Sue Browning, Assistant.
Martha Aaron, "
L. F. Gould, "
Matilda Maxwell, "

Female Primary School No. 28,
Corner of Battery avenue and Clement street.
Teachers, 6; *Scholars*, 245.
A. S. Ambrose, Principal.
Ella G. Johnson, Assistant.
Maggie R. Floyd, "
Lizzie Eichner, "
K. King, "
A. Bowman, "

Female Primary School No. 29,
Hill street near Sharp.
Teachers, 4; *Scholars*, 180.
Sarah R. Webster, Principal.
Mollie Delanty, Assistant.
Mary Webb, "
A. E. Taylor, "

Female Primary School No. 30,
Hollins street near Fulton.
Teachers, 3; *Scholars*, 212.
Kate J. Martin, Principal.
Florence Emich, Assistant.
Nannie L. Emmart, "
J. T. D'Almaine, "

Female Primary School No. 32,
Corner of Hudson and Chesapeake streets, Canton.
Teachers, 4; *Scholars*, 205.
Alice E. Ford, Principal.
L. Sherwood, Assistant.
Annie Oakes, "
Hannah P. Gray, "

Female Primary School No. 33,
S. E. corner of Green and Lombard streets.
Teachers, 3; *Scholars*, 161.
Mary E. Walter, Principal.
Emma Wheeler, Assistant.
E. W. Woodward, "

Saturday Normal Class,

Courtland street, near Saratoga.

Teachers, 5; *Scholars,* 200,

Wm. F. Wardenburg, Principal.
Eliza Adams, Assistant.
J. M. Deems, Teacher of Music.
E. V. Addison, " Penmanship.
J. C. Lough, " Drawing.

English and German School No. 1,

Biddle st., near Pennsylvania ave.

Teachers, 5; *Scholars,* 260.

C. A. Fairbanks, Principal.
V. Scheer, Vice-Principal.
Chas. F. Hezler, Assistant.
Ella Gill, "
Sadie Pearson, "

MUSIC TEACHERS.

J. H. Rosewald, High and Primary Schools, Eastern District.
J. H. Deems, High and Primary Schools, Western District.
W. A. Tarbutton, Grammar Schools, Western District.
C. F. Percivall, Grammar Schools, Eastern District.
E. F. Grady, Primary and Colored Schools.

DRAWING TEACHERS.

Josephine C. Lough, Gram. Schools, Eastern District.
Roberta Davis, Grammar Schools, Western District.
Olivia Keach, Primary Schools, Eastern District.
Bettie Makibbin, Primary Schools, Western District.
M. Mullin, Primary Schools, Eastern District.
Belle Coulson, Primary Schools, Western District.

Evening School No 2,

S. W. cor. Broadway and Bank st.

Teachers, 4; *Scholars,* 152.

Wm. T. Markland, Principal.
C. A. Fairbanks, Assistant.
J. S. Black, "
E. M. Jackson, "

Evening School No. 3,

Corner of Bond and Chew streets.

Teachers, 2; *Scholars,* 60.

H. D. Reese, Principal.
Geo. B. Loane, Assistant.

Evening School No. 4,

Corner Hanover and Lee streets.

Teachers, 4; *Scholars,* 118.

A. F. Wilkerson, Principal.
T. Cornelius, Assistant.
O. H. Bruce, "
Robert Rowe, "

Evening School No. 5.

Corner Greenmount avenue and Eager street.

Teachers, 4; *Scholars,* 136.

Chas. G. Edwards, Principal.
Chas. H. Cockey, Assistant.
D. D. Worthington, "
M. McDermott, "

Evening School No. 6,

Ross street, near Biddle.

Teachers, 2; *Scholars,* 83.

W. F. Wardenburg, Principal.
Richard Grady, Assistant.

Evening School No. 8,

Fremont street and Ridgley alley.

Teacher, 1; *Scholars,* 48,

John E. McCahan, Principal.

Colored Grammar School No. 1,
No. 61. Saratoga street.
Teachers, 3; *Scholars*, 122.
Charles E. Hill, Principal.
John A. Ray, 1st Assistant.
J. B. Kettlewell, 2d "

Male Colored School No. 1,
No. 5 Lexington st.
Teachers, 3; *Scholars*, 170.
D. P. Brown, Principal.
Ida Jordan, Assistant.
Mollie F. Warner, "

Male Colored School No. 2.
East street, near Douglass.
Teachers, 5; *Scholars*, 250.
D. James Cummings, Principal.
M. L. Mackin, Assistant.
J. A. Long, "
J. E. Simonton, "
Eva Deal, "

Male Colored School No. 3.
Cor. Montgomery and Howard sts.
Teachers, 6; *Scholars*, 261.
John L. Yater, Principal.
J. W. Addison, Assistant.
Sallie Cahill, "
M. A. Roberts, "
Matilda Lauer, "
Annie E. Stuart, "

Male Colored School No. 4.
Biddle alley, near Pennsylvania av.
Teachers, 2; *Scholars*, 79.
S. B. Wolfe, M. D., Principal.
J. M. Thomson, Assistant.

Male Colored School No. 5.
Eastern avenue, near Broadway.
Teachers, 4; *Scholars*, 154.
W. V. Walton, Principal.
Sarah Walker, Assistant.
Alice Roberts, "
Kate Phillips, "

Male Colored School No. 7.
Raborg street, west of Fremont.
Teachers, 5; *Scholars*, 362.
George Scott, Principal.
L. Pancoast, Assistant.
M. Delany, "
M. C. Badders, "
K. E. Baum, "

Female Colored School No. 1.
No. 9 Lexington street.
Teachers, 3; *Scholars*, 160.
E. M. Dudley, Principal.
Annie Burgan, Assistant.
A. F. Hickman, "

Female Colored School No. 2.
East street, near Douglass.
Teachers, 5; *Scholars*, 300.
T. A. Foster, Principal.
A. G. Fallen, Assistant.
G. Keefer, "
Ella Douglass, "
Julia Quirk, "

Female Colored School No. 3.
Montgomery street, corner Howard.
Teachers, 7; *Scholars*, 325.
M. E. Beaufort, Principal.
M. L. Gibbs, Assistant.
A. H. Bandell, "
E. V. Bennett, "
Mollie Watts, "
Victoria Cahill, "
M. Harman, "

Female Colored School No. 4.

Orchard street, near Druid Hill ave.

Teachers, 4; *Scholars*, 271.

C. W. Reed, Principal.
Mary J. Oliver, Assistant.
K. Honeywell, "
M. B. Stansbury, "
A. B. Graham, "

Colored Evening School No. 2,

Cor. Thompson and Young streets.

Teachers, 4; *Scholars*, 171.

D. J. Cummings, Principal.
Matthew H. Wright, Assistant.
J. R. Roche, "
R. W. Tunstall, "

Colored Evening School No. 3,

Cor. Montgomery and Howard sts.

Teachers, 6; *Scholars*, 250.

R. K. Campbell, Principal.
J. M. Armstrong, Assistant.
John L. Yater, "
B. Smith, "
C. Brannan, "
J. W. Addison, "

Colored Evening School No. 5,

Eastern avenue, near Broadway.

Teachers, 3; *Scholars*, 154.

Wm. V. Walton, Principal.
H. W. Haines, Assistant.
John Griffith, "

Colored Evening School No. 7,

Raborg street, West of Fremont.

Teachers, 3; *Scholars*, 130.

George Scott, Principal.
J. Ray, Assistant.
Wm. Griffith, "

CATALOGUE

OF

BOOKS AND STATIONERY

Used in the Public Schools of Baltimore City.

FOR BALTO. CITY COLLEGE.

Harkness' Introductory Latin Book,
Harkness' Latin Reader,
" " Grammar,
Gildersleeve's Latin Exercise Book,
Cæsar (Chase and Stuart's),
Sallust " "
Cicero's Orations (Anthon's),
Ovid (Andrew's),
Virgil (Chase and Stuart's),
Horace (Anthon's),
Crooks and Schem's Latin Dictionary,
Anthon's Latin Prose Composition,
Bullion's or Leighton's Greek Lessons,
Waddell's Greek Grammar,
Bullion's or Goodwin's Greek Grammar,
Bullion's or Goodwin's Greek Reader,
Xenophon's Anabasis (Kendrick),
Herodotus (Johnson's),
Anthon's Homer's Iliad,
Liddell and Scott's Greek Lexicon,
Adler's German Dictionary,
Progressive German Reader, by G. S. Adler,
Iphigenia and Torquato Tasso, by Goethe,
Ahn's German Grammar (1st course),
Otto's German Grammar,
Schiller's Thirty Years' War,
De Fivas' Elementary French Reader,
Value's Ollendorf's French Grammar,
Voltaire's Charles Twelfth,
Davies Legendre's Geometry,
" Analytical Geometry and Calculus,
Ray's Surveying,

Ray's New Higher Algebra (Part Second),
McIntire's Astronomy,
Olney's General Geometry and Calculus,
Litterature Francaise, M. Chapsal,
Flemming and Tibbin's French Dictionary,
Shepherd's History of the English Language,
Goold Brown's Institutes of Grammar,
Fewsmith's Large Grammar,
Spalding's English Literature,
Quackenbos' Compositions,
Sargent's Standard Speaker,
Lovell's U. S. Speaker,
Newell and Creery's Sixth Reader,
Zacho's New Amer. Speaker,
Pinnock's Goldsmith's England.
Smith's History of Greece,
Liddel's History of Rome,
Alexander's Moral Science,
Alden's Science of Government
Haven's or Upham's Mental Philosophy,
Norton's Philosophy,
Rolfe and Gillet's Chemistry,
Dana's Geology,
Hutchinson's Physiology,
Webster's High School Dictionary,
Crittenden's Book-Keeping,

For Female High Schools.

Underwood's English Literature,
Surenne's French Pronouncing Dictionary,
Fasquelle's French Pronouncing Dictionary,
Fasquelle's French Grammar (Large),
Fasquelle's French Grammar (Small),
Spalding's English Literature,
Boyd's Thompson,
" Milton,
Moral Philosophy (Alden's),
Coppee's Rhetoric,
Fasquelle's French Reader,
Newell and Creery's Fifth Reader,
Newell and Creery's Sixth Reader,
Fewsmith's Large Grammar,
Anderson's Universal History,
Rolfe and Gillet's Natural Philosophy (Large),
Rolfe and Gillet's Natural Philosophy (Small),
Rolfe and Gillet's Chemistry (small).
Quackenbos' Composition and Rhetoric,
Cutter's Physiology (Large),
" " (Small),
Webster's High School Dictionary
Upham's Mental Philosophy,
Norton's Natural Philosophy,
Webb's Etymology,
Quackenbos' Arithmetic,

Ray's New Elementary Algebra,
Brooks' Normal Geometry and Trigonometry,
McIntire's Astronomy,
Crittenden's Book-Keeping.

FOR GRAMMAR SCHOOLS.

Crittenden's Elementary Book-Keeping,
Newell and Creery's Third Reader,
Newell and Creery's Fourth Reader,
Newell and Creery's Fifth Reader,
Newell and Creery's Sixth Reader,
Creery's Gram. School Spelling Book,
Swinton's Language Primer,
Creery's Catechism of the History of the United States, with questions on the Constitution of the United States and Maryland,
Cornell's Primary Geography,
" Intermediate Geography (Maryland Edition),
Parker's Natural Philosophy,
Quackenbos' Practical Normal Primary Arithmetic,
Quackenbos' Mental Arithmetic,
Quackenbos' First Lesson in Composition,
Quackenbos' U. S. History,
Webster's School Dictionary,
Ray's New Elementary Algebra (Male School),
Bibles (12mo., sheep),
Douay Bibles (12mo., sheep),
Payson, Dunton and Scribner's system of Penmanship,
McSherry's History of Maryland, abridged by Onderdonk
The Gem, a selection of songs for Grammar and Primary Schools,
Bartholomew's Drawing Books

ENGLISH GERMAN SCHOOL.

Dr. Otto's First Book in German,
Dr. Otto's Beginning of German,
Dr. Otto's Introductory Reader, by Prof. E. S. Joynes (in two parts).

FOR PRIMARY SCHOOLS.

Newell and Creery's First Reader,
Newell and Creery's Second Reader,
Newell and Creery's Third Reader,
Creery's Illustrated Primary School Spelling Book, with exercises in Arithmetic,
Webster's Primary Dictionary,
Cornell's Primary Geography,
" First Step in Geography,

Spelling and Alphabet Cards,
Bibles and Testaments,
" " Douay,
The Gem.
Quackenbos' Primary Arithmetic,
Bartholomew's Primary Drawing Cards and Slates,

STATIONERY FOR ALL THE SCHOOLS.

Cap Paper—good quality,
Note Paper,
White Envelopes — good quality,
Buff Envelopes—good quality,
Mucilage,
Ink-Wells—with covers,
Slate Pencils,
Lead Pencils [Faber's],
Pen Holders,
Principals' Gongs,
Assistants' Gongs,
Slates—good quality—Wired—Round Corners—6½ by 9,
Slates—good quality—Wired—Round Corners—8 by 12,
Slates—good quality—Wired—Round Corners—8½ by 12½,
Black Board Rubbers,
Teachers' Ink Stands,
Chalk Crayons,
Excelsior Copy Books,
Composition Books,
Teachers' Roll Books,
Principals' Registers,
Pelton's Outline Map of the U. S.—[Muslin Mounted],
Pelton's Outline Map of the E. H.—[Muslin Mounted],
Pelton's Outline Map of the W. H.—[Muslin Mounted],
Pelton's Outline Map of Europe—[Muslin Mounted],
Pelton's Outline Map of S. A. and Africa—[Muslin Mounted],
Webster's Unabridged Dictionary for Principals of Grammar Schools,
Webster's National Pictorial Dictionary for Principals of Primary Schools,
Lippincott's Gazeteer [New Revised Edition], for Principals of Grammar Schools,
Ink—Arnold's, Maynard & Noyes', Thaddeus David's, Carter's, or any other of good quality, in quart bottles.
Steel Pens—Gillott's [genuine] Nos. 404 and 303. P. D. & S. No. 455. Esterbrook's Nos. 404, 303, 89 and 9.

LIST OF APPARATUS

BELONGING TO

BALTIMORE CITY COLLEGE.

Electrometer—Feather,
" Pith Ball,
Leyden Jars—Mounted,
" Jars—small,
" " Dissected,
" " with Miser's plate
" " with Sportsman,
Electric Bell Engine,
Lightning Rod—Model,
Induction Coil—Rhumkorff's,
Apparatus for decomposition of water,
Electric Battery,
" Disk for dancing images,
Telegraphic Apparatus–Morse,
Electrical See-Saw,
" Flyer and Stand,
Universal Electric Discharger,
Electrical Cannon,
Thunder House,
Electrical Explosion Apparat's
Electric Machine—Page,
" Lamp,
Electro Magnet—mounted on frame,
Electrical Discharger,
Pyrometer,
Parabolic Reflectors,
Calcium Light Apparatus, with Spher. Reflector,
High Pressure Steam Engine,
Thermometer — Centigrade — Mercury,
Thermometer — Fahrenheit — Spirit,
Locatelli's Lamp,
Air Mill,
Condensing Pump,
Air " "
Compressed Air Apparatus,
Cartesian Diver,
Magdeburg Hemispheres,
Cohesion Disks,
Vacuum Fountain,
Equilibrium Models,
Center of Gravity Models,
Leaning Tower,
Wheel and Axle,
Pulleys—Mounted on frame,
Screw Model,
Inclined Plane,
Wedge,
Lever—Simple,
" Compound,
Weights for Above,
Eye—Model—Auzoux,
Ear " "

Lung—Model—Auzoux,
Human Frame—Model—Auzoux,
Skeleton,
Centrifugal Apparatus,
Inertia "
Capillary Tubes,
Hydrostatic Balance,
Barker's Mill,
Lift Pump,
Force "
Archimedes' Screw,
Tantalus' Cup,
Silver Crucible—Mounted,
Prisms—Mounted.
College Lantern,
Microscope,
Microscopic Attachment,
Jet and Clock Work,
Polariscopic Attachment,
Glass Chladni Plates, &c.,
Glass Tank for Wave, &c.,
Elliptical Ring for above,
Wale's Air Drum Apparatus,
Set of Oils, Pepette fr. T. Cohesion Figures,
Sett of Cohesion Figures,
Vertical Tank for Decomp. of Water,
Tank for Illus. of Solar Prominences,
Eclipse Slides,
Adjustable Slide for Spec. Projections,
Pair of Hollow Prisms,
Separate Lenses,
Spectroscope, Combination
Direct
Demonstation Lenses Sett,
Ritchie's Air Pump,
Barometer Tubes,
Stand w. 8 Metecherlich's Tubes,
Guinea and Feather Tube,
Mariotte's Law App.
Dancing Images, 2 p.
Atwood, Machine for Falling Bodies,
Pendulum App.
Gyroscope,
Oersted's Law Ap.
Inclination Composs.
Bar Magnets, Pair,
Lodestone,
Bar Magnet,
Magnetic Needle 15 in. long,
Comp. Horse Shoe Magnet,
Pith Balls, 1 doz.
Rod Shellac, Cat Skin, Vulcanite Plate,
Quadrant Electrometer,
Elec. Egg,
Elec. Battery, 9 jars,
Collision Balls,
" "
Melloni's Heat App.
Concave Mirror,
Holtz's Dielectric Machine
Rhumkorff's Coil, 6 inches Spark,
Analytical Balances,
1 Quantity Gal. Battery,
1 Intensity " "
Crystal Models,
Alco. Lamp,
Tall Cylinder,
Barometer Tubes,
Bottle Imps,
Grad. Pipette,
Porc. Alembic,
Large Battery Clamps,
Rubber for Tank,

Receivers 8, 16, 32 oz., 2 each.
Retorts 4, 8, 16, 32 oz.
Cylinder Stoppered, 250 cc.
" " 500 "
Glass Tank,
Mag. Needle and Stand,
Sett Cork Borers,
24 ft. Rubber Tubing, $\frac{3}{16}$ $\frac{1}{4}$.
Glass Globe Fitted, &c.,
Bell Glass, Stop Cock,
O. and P. App. for Burning,
French Acid Bottles,
Acid Brushes,
Graduate, 250 grammes,
Glass Globes, 2, 3 gals ,
Adapters, bent,
" straight,
Marble Slab and Muller,
Alembics, $\frac{1}{2}$, 1, 2 pints,
Fresenius App., for showing amount of Carbonic Acid in Carbonates,
Atomizers,
Sett French Weights,
5 Nest Beakers,
Bell Glasses, 1, 2 gals.,
Blast Burner,
Round stand to go over burner,
2 Prs. Pliers, heavy,
Chem. Labels,
Blast Lamp, bellows & tubing,
$\frac{1}{2}$ doz. Hogs' Bladders,
Blow Pipe,
Gas Bottles, 8, 16 oz.,
7 doz. Tincture Bottles, 1, 4, 8, 16 oz.,
Bottles tubulated at bottom, 1 litre,
Separatory Bottle, 2 litre,
Woulff's Bottles, 3 neck, 8, 16, 32 oz.
Woulff's Bottles tubulated at bottom,
Test Tube Brushes,
Feather Tube Brushes,
Bottle Brushes,
Burette, glass cock, 100 in $\frac{1}{2}$,
2 Setts Capsules,
1 Sett Casseroles,
Crucible Tongs,
Tongs 14 in.,
Clamps holding test tubes,
1 gross Velvet Corks,
6 lbs. French Glass Tubing,
2 " Bohemian "
App. distilling H. O. chem. analysis, 1 gal.,
4 Drying Limbs,
Cork Knife,
Cryophorus, Wol.,
6 Porcelain Plates,
1 Cylinder Glass, 100 cc.,
1 " " 250 cc.,
2 Dessicators, round top,
1 " flat "
1 " Schrötter,
6 Digestors,
6 "
1 Plattnor's do.
1 Dipper,
1 Counter Sunk Dish,
Separatory Funnel, 4 in.,
" "
1 doz. Distilling Flasks,
1 Dëbreiner's Lamp,
App. for Endosmosis,
Eolipile,
2 lbs. Rubber Stoppers,
1 Iron Mortar,
Hoffman's Lecture Endiometer,
Nest lipped evap. glass,

Evap. kettle,
File,
Funnels 2½, 3, 6 in.
Filters,
Flasks, 4, 8, 16, 32 oz.,
" 32 oz. 4, 8, 16,
Forceps,
Funnel with Stop Cock,
" " "
Porcelain furnace,
Sheet Iron, "
Gloves,
Hydrometer for Petrolium,
Milk Assayer,
Saccharometer,
Universal Hydrometer,
Nicholson's "
Brass Jet and Stopcock,
Test Tube Rack,
Bunsen Burner,
2 gross Test Tubes,
10 Sheets Litmus,
3 Litre Bottles Stopp. 100cc., 250cc., 500cc.
2 Flasks, Litre, 50cc., 200cc.
1 " "
1 Metre Measure,
2 Glass Mortars, &c.
4 Porcelain Mortars,
2 Mohr's Pinch cocks,
2 Retorts, 1 gal.
2 " ½ gal.
1 Rod Shellac,
1 Dozen Rupert's Drops,
Hand Saw,
2 pr. Scissors,
4 Sieves,
1 Foot Iron Gauze,
Sod. Spoon, Bone Spatula,
Bar and Horse Shoe Magnets,
Pith Balls,
Liebig's Condenser,
Glass Covered Jar with Stopcock,
3 Spec. Grav. Bottles, 10, 25, 50 gms.
2 Bone Spoons,
4 Brass Stopcocks,
Wax Tapers,
2 Thermometers,
1 Dozen Delivery Tubes,
Tubes for Musical Sounds,
1 Dozen Watch Glasses,
Burette Support,
Cork Press,
Retort Stand,
Squibb's U. Support,
Newton's Disc.

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